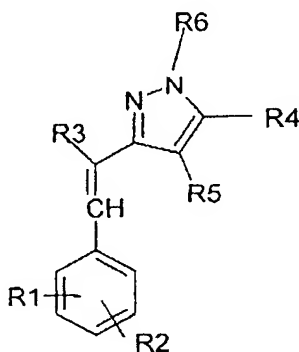


**AMENDMENTS TO THE CLAIMS:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**LISTING OF CLAIMS:**

1. (Currently Amended) Use A method of inducing and/or stimulating the growth of keratin fibers, especially human keratin fibers, and/or for reducing their loss and/or increasing their density, comprising administering an effective amount of at least one styrylpyrazole compound of formula (I), or a salt thereof:



in which:

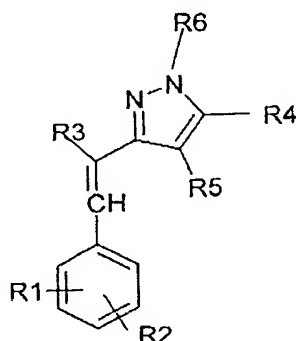
- R<sub>1</sub>, R<sub>2</sub>, R<sub>4</sub> and R<sub>5</sub>, which may be identical or different, are chosen from hydrogen, a halogen, groups OR<sub>7</sub>, SR<sub>7</sub>, NR<sub>7</sub>R'<sub>7</sub>, COOR<sub>7</sub>, CONR<sub>7</sub>R'<sub>7</sub>, CF<sub>3</sub>, CN, NR<sub>7</sub>COR'<sub>7</sub>, SO<sub>2</sub>R<sub>7</sub>, SO<sub>2</sub>NR<sub>7</sub>R'<sub>7</sub>, NR<sub>7</sub>SO<sub>2</sub>R'<sub>7</sub>, COR<sub>7</sub>, CSR<sub>7</sub>, OCOR<sub>7</sub>, COSR<sub>7</sub>, SCOR<sub>7</sub>, CSNR<sub>7</sub>R'<sub>7</sub>, NR<sub>7</sub>CONR'<sub>7</sub>R''<sub>7</sub>, NR<sub>7</sub>C(=NR'<sub>7</sub>)NR''<sub>7</sub>R'''<sub>7</sub>, NR<sub>7</sub>CSR'<sub>7</sub> and NR<sub>7</sub>CSNR'<sub>7</sub>R''<sub>7</sub>, saturated or unsaturated, linear or branched C<sub>1</sub>-C<sub>20</sub> alkyl radicals, saturated or unsaturated rings of 4 to 7 atoms, ~~optionally containing at least one hetero atom~~, these rings possibly being separate or fused, the alkyl radicals and the rings also possibly being substituted with at least one substituent A<sub>1</sub>, with R<sub>7</sub>, R'<sub>7</sub>, R''<sub>7</sub> and R'''<sub>7</sub> independently denoting hydrogen, a linear or branched C<sub>1</sub>-C<sub>20</sub> alkyl radical or a ring of 4 to 7 atoms, ~~optionally containing at least one hetero atom~~, isolated or fused to another ring, the alkyl radical or the

said rings being saturated or unsaturated and optionally substituted with at least one substituent  $A_2$ ;

- $R_3$  is chosen from CN,  $\text{COOR}_8$ ,  $\text{CONR}_8\text{R}'_8$ ,  $\text{COR}_8$ ,  $\text{SO}_2\text{R}_8$  and  $\text{SO}_2\text{NR}_8\text{R}'_8$ , with  $R_8$  and  $\text{R}'_8$  independently denoting hydrogen, a linear or branched  $\text{C}_1\text{-C}_{20}$  alkyl radical or a ring of 4 to 7 atoms, isolated or fused to another ring and optionally containing at least one hetero atom, the alkyl radical or the said rings being saturated or unsaturated and optionally substituted with at least one substituent  $A_3$ ;
- $R_6$  is chosen from hydrogen, groups  $\text{COOR}_9$ ,  $\text{COR}_9$ ,  $\text{CSR}_9$ ,  $\text{COSR}_9$ ,  $\text{CONR}_9\text{R}'_9$ ,  $\text{SO}_2\text{R}_9$  and  $\text{SO}_2\text{NR}_9\text{R}'_9$ , linear or branched, saturated or unsaturated  $\text{C}_1\text{-C}_{20}$  alkyl radicals and saturated or unsaturated rings of 4 to 7 atoms, optionally containing at least one hetero atom, these rings possibly being separate or fused, the alkyl radicals and the rings also possibly being substituted with at least one substituent  $A_4$ , with  $R_9$  and  $\text{R}'_9$ , which may be identical or different, denoting hydrogen, a linear or branched  $\text{C}_1\text{-C}_{20}$  alkyl radical or a ring of 4 to 7 atoms, optionally containing at least one hetero atom, isolated or fused to another ring, the alkyl radical or the said rings being saturated or unsaturated and optionally substituted with at least one substituent  $A_5$ ;
- $A_1$ ,  $A_2$ ,  $A_3$ ,  $A_4$  and  $A_5$  being chosen independently from halogens, groups  $\text{OR}_{10}$ ,  $\text{SR}_{10}$ ,  $\text{NR}_{10}\text{R}'_{10}$ ,  $\text{COOR}_{10}$ ,  $\text{CH}_2\text{COOR}_{10}$ ,  $\text{CONR}_{10}\text{R}'_{10}$ ,  $\text{CF}_3$ , CN,  $\text{NR}_{10}\text{COR}'_{10}$ ,  $\text{SO}_2\text{R}_{10}$ ,  $\text{SO}_2\text{NR}_{10}\text{R}'_{10}$ ,  $\text{NR}_{10}\text{SO}_2\text{R}'_{10}$ ,  $\text{COR}_{10}$ ,  $\text{CSR}_{10}$ ,  $\text{OCOR}_{10}$ ,  $\text{COSR}_{10}$ ,  $\text{SCOR}_{10}$ ,  $\text{CSNR}_{10}\text{R}'_{10}$ ,  $\text{NR}_{10}\text{CONR}'_{10}\text{R}''_{10}$ ,  $\text{NR}_{10}\text{C}(=\text{NR}'_{10})\text{NR}''_{10}\text{R}'''_{10}$ ,  $\text{NR}_{10}\text{CSNR}'_{10}\text{R}''_{10}$  and  $\text{NR}_{10}\text{CSR}'_{10}$ , with  $R_{10}$ ,  $\text{R}'_{10}$ ,  $\text{R}''_{10}$  and  $\text{R}'''_{10}$ , which may be identical or different, denoting hydrogen, a linear or branched  $\text{C}_1\text{-C}_{20}$  alkyl radical or a ring of 4 to 7 atoms, optionally containing at least one hetero atom, isolated or fused to another ring, the alkyl radical or the said rings being saturated or unsaturated, as an agent for inducing and/or stimulating the growth of keratin fibres, especially human keratin fibres, and/or for reducing their loss and/or increasing their density.

2. (Currently Amended) Cosmetic use A method of inducing and/or stimulating the growth, reducing the loss and/or increasing the density of human

keratin fibers, comprising administering a cosmetic care and/or makeup composition comprising at least one styrylpyrazole compound of formula (I), or a salt thereof:

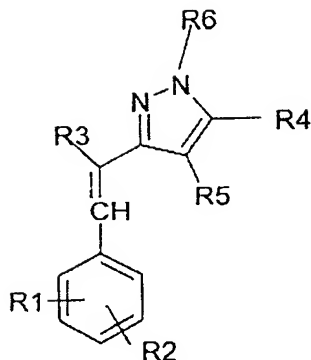


in which:

- $R_1$ ,  $R_2$ ,  $R_4$  and  $R_5$ , which may be identical or different, are chosen from hydrogen, a halogen, groups  $OR_7$ ,  $SR_7$ ,  $NR_7R'_7$ ,  $COOR_7$ ,  $CONR_7R'_7$ ,  $CF_3$ ,  $CN$ ,  $NR_7COR'_7$ ,  $SO_2R_7$ ,  $SO_2NR_7R'_7$ ,  $NR_7SO_2R'_7$ ,  $COR_7$ ,  $CSR_7$ ,  $OCOR_7$ ,  $COSR_7$ ,  $SCOR_7$ ,  $CSNR_7R'_7$ ,  $NR_7CONR'_7R''_7$ ,  $NR_7C(=NR'_7)NR''_7R'''_7$ ,  $NR_7CSR'_7$  and  $NR_7CSNR'_7R''_7$ , saturated or unsaturated, linear or branched  $C_1$ - $C_{20}$  alkyl radicals, saturated or unsaturated rings of 4 to 7 atoms, ~~optionally containing at least one hetero atom~~, these rings possibly being separate or fused, the alkyl radicals and the rings also possibly being substituted with at least one substituent  $A_1$ , with  $R_7$ ,  $R'_7$ ,  $R''_7$  and  $R'''_7$  independently denoting hydrogen, a linear or branched  $C_1$ - $C_{20}$  alkyl radical or a ring of 4 to 7 atoms, ~~optionally containing at least one hetero atom~~, isolated or fused to another ring, the alkyl radical or the said rings being saturated or unsaturated and optionally substituted with at least one substituent  $A_2$ ;
- $R_3$  is chosen from  $CN$ ,  $COOR_8$ ,  $CONR_8R'_8$ ,  $COR_8$ ,  $SO_2R_8$  and  $SO_2NR_8R'_8$ , with  $R_8$  and  $R'_8$  independently denoting hydrogen, a linear or branched  $C_1$ - $C_{20}$  alkyl radical or a ring of 4 to 7 atoms, isolated or fused to another ring and ~~optionally containing at least one hetero atom~~, the alkyl radical or the said rings being saturated or unsaturated and optionally substituted with at least one substituent  $A_3$ ;

- $R_6$  is chosen from hydrogen, groups  $\text{COOR}_9$ ,  $\text{COR}_9$ ,  $\text{CSR}_9$ ,  $\text{COSR}_9$ ,  $\text{CONR}_9\text{R}'_9$ ,  $\text{SO}_2\text{R}_9$ , and  $\text{SO}_2\text{NR}_9\text{R}'_9$ , linear or branched, saturated or unsaturated  $\text{C}_1\text{-C}_{20}$  alkyl radicals and saturated or unsaturated rings of 4 to 7 atoms, optionally containing at least one hetero atom, these rings possibly being separate or fused, the alkyl radicals and the rings also possibly being substituted with at least one substituent  $A_4$ , with  $R_9$  and  $R'_9$ , which may be identical or different, denoting hydrogen, a linear or branched  $\text{C}_1\text{-C}_{20}$  alkyl radical or a ring of 4 to 7 atoms, optionally containing at least one hetero atom, isolated or fused to another ring, the alkyl radical or the said rings being saturated or unsaturated and optionally substituted with at least one substituent  $A_5$ ;
  - $A_1$ ,  $A_2$ ,  $A_3$ ,  $A_4$  and  $A_5$  being chosen independently from halogens, groups  $\text{OR}_{10}$ ,  $\text{SR}_{10}$ ,  $\text{NR}_{10}\text{R}'_{10}$ ,  $\text{COOR}_{10}$ ,  $\text{CH}_2\text{COOR}_{10}$ ,  $\text{CONR}_{10}\text{R}'_{10}$ ,  $\text{CF}_3$ ,  $\text{CN}$ ,  $\text{NR}_{10}\text{COR}'_{10}$ ,  $\text{SO}_2\text{R}_{10}$ ,  $\text{SO}_2\text{NR}_{10}\text{R}'_{10}$ ,  $\text{NR}_{10}\text{SO}_2\text{R}'_{10}$ ,  $\text{COR}_{10}$ ,  $\text{CSR}_{10}$ ,  $\text{OCOR}_{10}$ ,  $\text{COSR}_{10}$ ,  $\text{SCOR}_{10}$ ,  $\text{CSNR}_{10}\text{R}'_{10}$ ,  $\text{NR}_{10}\text{CONR}'_{10}\text{R}''_{10}$ ,  $\text{NR}_{10}\text{C(=NR}'_{10})\text{NR}''_{10}\text{R}'''_{10}$ ,  $\text{NR}_{10}\text{CSNR}'_{10}\text{R}''_{10}$  and  $\text{NR}_{10}\text{CSR}'_{10}$ , with  $R_{10}$ ,  $R'_{10}$ ,  $R''_{10}$  and  $R'''_{10}$ , which may be identical or different, denoting hydrogen, a linear or branched  $\text{C}_1\text{-C}_{20}$  alkyl radical or a ring of 4 to 7 atoms, optionally containing at least one hetero atom, isolated or fused to another ring, the alkyl radical or the said rings being saturated or unsaturated;
- in a cosmetic care and/or makeup composition for human keratin fibres, to induce and/or stimulate their growth, reduce their loss and/or increase their density.

3. (Currently Amended) Use A method of preparing a care or treatment composition for human keratin fibers, which is intended to induce and/or stimulate the growth of said fibers and/or reduce their loss and/or increase their density, comprising combining at least one styrylpyrazole compound of formula (I), or a salt thereof with a non-toxic physiologically acceptable medium:



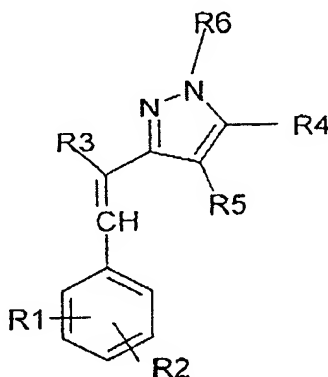
in which:

- R<sub>1</sub>, R<sub>2</sub>, R<sub>4</sub> and R<sub>5</sub>, which may be identical or different, are chosen from hydrogen, a halogen, groups OR<sub>7</sub>, SR<sub>7</sub>, NR<sub>7</sub>R'<sub>7</sub>, COOR<sub>7</sub>, CONR<sub>7</sub>R'<sub>7</sub>, CF<sub>3</sub>, CN, NR<sub>7</sub>COR'<sub>7</sub>, SO<sub>2</sub>R<sub>7</sub>, SO<sub>2</sub>NR<sub>7</sub>R'<sub>7</sub>, NR<sub>7</sub>SO<sub>2</sub>R'<sub>7</sub>, COR<sub>7</sub>, CSR<sub>7</sub>, OCOR<sub>7</sub>, COSR<sub>7</sub>, SCOR<sub>7</sub>, CSNR<sub>7</sub>R'<sub>7</sub>, NR<sub>7</sub>CONR'<sub>7</sub>R'', NR<sub>7</sub>C(=NR'<sub>7</sub>)NR''<sub>7</sub>R'''<sub>7</sub>, NR<sub>7</sub>CSR'<sub>7</sub> and NR<sub>7</sub>CSNR'<sub>7</sub>R'', saturated or unsaturated, linear or branched C<sub>1</sub>-C<sub>20</sub> alkyl radicals, saturated or unsaturated rings of 4 to 7 atoms, ~~optionally containing at least one hetero atom~~, these rings possibly being separate or fused, the alkyl radicals and the rings also possibly being substituted with at least one substituent A<sub>1</sub>, with R<sub>7</sub>, R'<sub>7</sub>, R''<sub>7</sub> and R'''<sub>7</sub> independently denoting hydrogen, a linear or branched C<sub>1</sub>-C<sub>20</sub> alkyl radical or a ring of 4 to 7 atoms, ~~optionally containing at least one hetero atom~~, isolated or fused to another ring, the alkyl radical or the said rings being saturated or unsaturated and optionally substituted with at least one substituent A<sub>2</sub>;
- R<sub>3</sub> is chosen from CN, COOR<sub>8</sub>, CONR<sub>8</sub>R'<sub>8</sub>, COR<sub>8</sub>, SO<sub>2</sub>R<sub>8</sub> and SO<sub>2</sub>NR<sub>8</sub>R'<sub>8</sub>, with R<sub>8</sub> and R'<sub>8</sub> independently denoting hydrogen, a linear or branched C<sub>1</sub>-C<sub>20</sub> alkyl radical or a ring of 4 to 7 atoms, isolated or fused to another ring and ~~optionally containing at least one hetero atom~~, the alkyl radical or the said rings being saturated or unsaturated and optionally substituted with at least one substituent A<sub>3</sub>;
- R<sub>6</sub> is chosen from hydrogen, groups COOR<sub>9</sub>, COR<sub>9</sub>, CSR<sub>9</sub>, COSR<sub>9</sub>, CONR<sub>9</sub>R'<sub>9</sub>, SO<sub>2</sub>R<sub>9</sub>, and SO<sub>2</sub>NR<sub>9</sub>R'<sub>9</sub>, linear or branched, saturated or unsaturated C<sub>1</sub>-C<sub>20</sub> alkyl radicals and saturated or unsaturated rings of 4 to 7 atoms, ~~optionally containing~~

~~at least one hetero atom~~, these rings possibly being separate or fused, the alkyl radicals and the rings also possibly being substituted with at least one substituent A<sub>4</sub>, with R<sub>9</sub> and R'<sub>9</sub>, which may be identical or different, denoting hydrogen, a linear or branched C<sub>1</sub>-C<sub>20</sub> alkyl radical or a ring of 4 to 7 atoms, ~~optionally containing at least one hetero atom~~, isolated or fused to another ring, the alkyl radical or the said rings being saturated or unsaturated and optionally substituted with at least one substituent A<sub>5</sub>;

- A<sub>1</sub>, A<sub>2</sub>, A<sub>3</sub>, A<sub>4</sub> and A<sub>5</sub> being chosen independently from halogens, groups OR<sub>10</sub>, SR<sub>10</sub>, NR<sub>10</sub>R'<sub>10</sub>, COOR<sub>10</sub>, CH<sub>2</sub>COOR<sub>10</sub>, CONR<sub>10</sub>R'<sub>10</sub>, CF<sub>3</sub>, CN, NR<sub>10</sub>COR'<sub>10</sub>, SO<sub>2</sub>R<sub>10</sub>, SO<sub>2</sub>NR<sub>10</sub>R'<sub>10</sub>, NR<sub>10</sub>SO<sub>2</sub>R'<sub>10</sub>, COR<sub>10</sub>, CSR<sub>10</sub>, OCOR<sub>10</sub>, COSR<sub>10</sub>, SCOR<sub>10</sub>, CSNR<sub>10</sub>R'<sub>10</sub>, NR<sub>10</sub>CONR'<sub>10</sub>R''<sub>10</sub>, NR<sub>10</sub>C(=NR'<sub>10</sub>)NR''<sub>10</sub>R'''<sub>10</sub>, NR<sub>10</sub>CSNR'<sub>10</sub>R''<sub>10</sub> and NR<sub>10</sub>CSR'<sub>10</sub>, with R<sub>10</sub>, R'<sub>10</sub>, R''<sub>10</sub> and R'''<sub>10</sub>, which may be identical or different, denoting hydrogen, a linear or branched C<sub>1</sub>-C<sub>20</sub> alkyl radical or a ring of 4 to 7 atoms, ~~optionally containing at least one hetero atom~~, isolated or fused to another ring, the alkyl radical or the said rings being saturated or unsaturated, ~~for the preparation of a care or treatment composition for human keratin fibres, which is intended to induce and/or stimulate the growth of the said fibres and/or reduce their loss and/or increase their density.~~

4. (Currently Amended) Use A method of inhibiting 15-hydroxyprostaglandin dehydrogenase, especially human 15-hydroxyprostaglandin dehydrogenase, comprising administering at least one styrylpyrazole compound of formula (I), or a salt thereof:

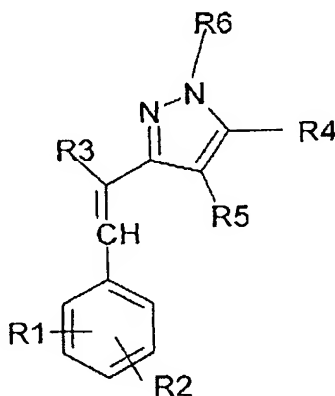


in which:

- $R_1$ ,  $R_2$ ,  $R_4$  and  $R_5$ , which may be identical or different, are chosen from hydrogen, a halogen, groups  $OR_7$ ,  $SR_7$ ,  $NR_7R'_7$ ,  $COOR_7$ ,  $CONR_7R'_7$ ,  $CF_3$ ,  $CN$ ,  $NR_7COR'_7$ ,  $SO_2R_7$ ,  $SO_2NR_7R'_7$ ,  $NR_7SO_2R'_7$ ,  $COR_7$ ,  $CSR_7$ ,  $OCOR_7$ ,  $COSR_7$ ,  $SCOR_7$ ,  $CSNR_7R'_7$ ,  $NR_7CONR'_7R''_7$ ,  $NR_7C(=NR'_7)NR''_7R'''_7$ ,  $NR_7CSR'_7$  and  $NR_7CSNR'_7R''_7$ , saturated or unsaturated, linear or branched  $C_1$ - $C_{20}$  alkyl radicals, saturated or unsaturated rings of 4 to 7 atoms, ~~optionally containing at least one hetero atom~~, these rings possibly being separate or fused, the alkyl radicals and the rings also possibly being substituted with at least one substituent  $A_1$ , with  $R_7$ ,  $R'_7$ ,  $R''_7$  and  $R'''_7$  independently denoting hydrogen, a linear or branched  $C_1$ - $C_{20}$  alkyl radical or a ring of 4 to 7 atoms, ~~optionally containing at least one hetero atom~~, isolated or fused to another ring, the alkyl radical or the said rings being saturated or unsaturated and optionally substituted with at least one substituent  $A_2$ ;
- $R_3$  is chosen from  $CN$ ,  $COOR_8$ ,  $CONR_8R'_8$ ,  $COR_8$ ,  $SO_2R_8$  and  $SO_2NR_8R'_8$ , with  $R_8$  and  $R'_8$  independently denoting hydrogen, a linear or branched  $C_1$ - $C_{20}$  alkyl radical or a ring of 4 to 7 atoms, isolated or fused to another ring and ~~optionally containing at least one hetero atom~~, the alkyl radical or the said rings being saturated or unsaturated and optionally substituted with at least one substituent  $A_3$ ;
- $R_6$  is chosen from hydrogen, groups  $COOR_9$ ,  $COR_9$ ,  $CSR_9$ ,  $COSR_9$ ,  $CONR_9R'_9$ ,  $SO_2R_9$  and  $SO_2NR_9R'_9$ , linear or branched, saturated or unsaturated  $C_1$ - $C_{20}$  alkyl radicals and saturated or unsaturated rings of 4 to 7 atoms, ~~optionally containing at least one hetero atom~~, these rings possibly being separate or fused, the alkyl radicals and the rings also possibly being substituted with at least one substituent  $A_4$ , with  $R_9$  and  $R'_9$ , which may be identical or different, denoting hydrogen, a linear or branched  $C_1$ - $C_{20}$  alkyl radical or a ring of 4 to 7 atoms, ~~optionally containing at least one hetero atom~~, isolated or fused to another ring, the alkyl radical or the said rings being saturated or unsaturated and optionally substituted with at least one substituent  $A_5$ ;
- $A_1$ ,  $A_2$ ,  $A_3$ ,  $A_4$  and  $A_5$  being chosen independently from halogens, groups  $OR_{10}$ ,  $SR_{10}$ ,  $NR_{10}R'_{10}$ ,  $COOR_{10}$ ,  $CH_2COOR_{10}$ ,  $CONR_{10}R'_{10}$ ,  $CF_3$ ,  $CN$ ,  $NR_{10}COR'_{10}$ ,

SO<sub>2</sub>R<sub>10</sub>, SO<sub>2</sub>NR<sub>10</sub>R'<sub>10</sub>, NR<sub>10</sub>SO<sub>2</sub>R'<sub>10</sub>, COR<sub>10</sub>, CSR<sub>10</sub>, OCOR<sub>10</sub>, COSR<sub>10</sub>, SCOR<sub>10</sub>, CSNR<sub>10</sub>R'<sub>10</sub>, NR<sub>10</sub>CONR'<sub>10</sub>R''<sub>10</sub>, NR<sub>10</sub>C(=NR'<sub>10</sub>)NR''<sub>10</sub>R'''<sub>10</sub>, NR<sub>10</sub>CSNR'<sub>10</sub>R''<sub>10</sub> and NR<sub>10</sub>CSR'<sub>10</sub>, with R<sub>10</sub>, R'<sub>10</sub>, R''<sub>10</sub> and R'''<sub>10</sub>, which may be identical or different, denoting hydrogen, a linear or branched C<sub>1</sub>-C<sub>20</sub> alkyl radical or a ring of 4 to 7 atoms, ~~optionally containing at least one hetero atom, isolated or fused to another~~ ring, the alkyl radical or the said rings being saturated or unsaturated, ~~as an inhibitor of 15-hydroxyprostaglandin dehydrogenase, especially human~~ 15-hydroxyprostaglandin dehydrogenase.

5. (Currently Amended) Use A method for the manufacture of a care or treatment composition for human keratin fibers, which is intended to treat disorders associated with 15-hydroxyprostaglandin dehydrogenase in humans, comprising combining ef at least one styrylpyrazole compound of formula (I), or a salt thereof, with a non-toxic physiologically acceptable medium:



in which:

- R<sub>1</sub>, R<sub>2</sub>, R<sub>4</sub> and R<sub>5</sub>, which may be identical or different, are chosen from hydrogen, a halogen, groups OR<sub>7</sub>, SR<sub>7</sub>, NR<sub>7</sub>R'<sub>7</sub>, COOR<sub>7</sub>, CONR<sub>7</sub>R'<sub>7</sub>, CF<sub>3</sub>, CN, NR<sub>7</sub>COR'<sub>7</sub>, SO<sub>2</sub>R<sub>7</sub>, SO<sub>2</sub>NR<sub>7</sub>R'<sub>7</sub>, NR<sub>7</sub>SO<sub>2</sub>R'<sub>7</sub>, COR<sub>7</sub>, CSR<sub>7</sub>, OCOR<sub>7</sub>, COSR<sub>7</sub>, SCOR<sub>7</sub>, CSNR<sub>7</sub>R'<sub>7</sub>, NR<sub>7</sub>CONR'<sub>7</sub>R''<sub>7</sub>, NR<sub>7</sub>C(=NR'<sub>7</sub>)NR''<sub>7</sub>R'''<sub>7</sub>, NR<sub>7</sub>CSR'<sub>7</sub> and NR<sub>7</sub>CSNR'<sub>7</sub>R''<sub>7</sub>, saturated or unsaturated, linear or branched C<sub>1</sub>-C<sub>20</sub> alkyl radicals, saturated or unsaturated rings of 4 to 7 atoms, ~~optionally containing at~~



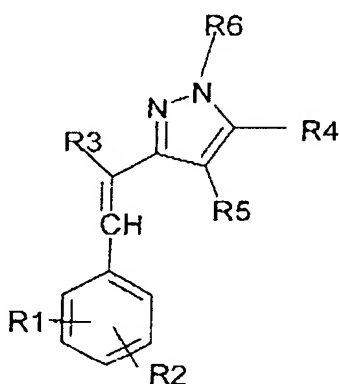
~~least one hetero atom~~, these rings possibly being separate or fused, the alkyl radicals and the rings also possibly being substituted with at least one substituent  $A_1$ , with  $R_7$ ,  $R'_7$ ,  $R''_7$  and  $R'''_7$  independently denoting hydrogen, a linear or branched  $C_1$ - $C_{20}$  alkyl radical or a ring of 4 to 7 atoms, ~~optionally containing at least one hetero atom~~, isolated or fused to another ring, the alkyl radical or the said rings being saturated or unsaturated and optionally substituted with at least one substituent  $A_2$ ;

- $R_3$  is chosen from CN,  $COOR_8$ ,  $CONR_8R'_8$ ,  $COR_8$ ,  $SO_2R_8$  and  $SO_2NR_8R'_8$ , with  $R_8$  and  $R'_8$  independently denoting hydrogen, a linear or branched  $C_1$ - $C_{20}$  alkyl radical or a ring of 4 to 7 atoms, isolated or fused to another ring and ~~optionally containing at least one hetero atom~~, the alkyl radical or the said rings being saturated or unsaturated and optionally substituted with at least one substituent  $A_3$ ;
- $R_6$  is chosen from hydrogen, groups  $COOR_9$ ,  $COR_9$ ,  $CSR_9$ ,  $COSR_9$ ,  $CONR_9R'_9$ ,  $SO_2R_9$ , ~~and~~  $SO_2NR_9R'_9$ , linear or branched, saturated or unsaturated  $C_1$ - $C_{20}$  alkyl radicals and saturated or unsaturated rings of 4 to 7 atoms, ~~optionally containing at least one hetero atom~~, these rings possibly being separate or fused, the alkyl radicals and the rings also possibly being substituted with at least one substituent  $A_4$ , with  $R_9$  and  $R'_9$ , which may be identical or different, denoting hydrogen, a linear or branched  $C_1$ - $C_{20}$  alkyl radical or a ring of 4 to 7 atoms, ~~optionally containing at least one hetero atom~~, isolated or fused to another ring, the alkyl radical or the said rings being saturated or unsaturated and optionally substituted with at least one substituent  $A_5$ ;
- $A_1$ ,  $A_2$ ,  $A_3$ ,  $A_4$  and  $A_5$  being chosen independently from halogens, groups  $OR_{10}$ ,  $SR_{10}$ ,  $NR_{10}R'_{10}$ ,  $COOR_{10}$ ,  $CH_2COOR_{10}$ ,  $CONR_{10}R'_{10}$ ,  $CF_3$ , CN,  $NR_{10}COR'_{10}$ ,  $SO_2R_{10}$ ,  $SO_2NR_{10}R'_{10}$ ,  $NR_{10}SO_2R'_{10}$ ,  $COR_{10}$ ,  $CSR_{10}$ ,  $OCOR_{10}$ ,  $COSR_{10}$ ,  $SCOR_{10}$ ,  $CSNR_{10}R'_{10}$ ,  $NR_{10}CONR'_{10}R''_{10}$ ,  $NR_{10}C(=NR'_{10})NR''_{10}R'''_{10}$ ,  $NR_{10}CSNR'_{10}R''_{10}$  and  $NR_{10}CSR'_{10}$ , with  $R_{10}$ ,  $R'_{10}$ ,  $R''_{10}$  and  $R'''_{10}$ , which may be identical or different, denoting hydrogen, a linear or branched  $C_1$ - $C_{20}$  alkyl radical or a ring of 4 to 7 atoms, ~~optionally containing at least one hetero atom~~, isolated or fused to another ring, the alkyl radical or the said rings being saturated or unsaturated;

~~for the manufacture of a care or treatment composition for human keratin fibres,~~  
~~which is intended to treat disorders associated with 15-hydroxyprostaglandin~~  
~~dehydrogenase in humans.~~

6. (Currently Amended) ~~Use~~ The method according to any one of the ~~preceding claims~~ claims 1-5, characterized in that the keratin ~~fibres~~ fibers are at least one of head hair, ~~the eyebrows, the eyelashes,~~ beard hair, moustache hair and pubic hair.

7. (Currently Amended) ~~Use~~ A method of reducing hair loss and/or increasing its density and/or treating alopecia of natural origin, comprising administering an effective amount of at least one styrylpyrazole compound of formula (I), or a salt thereof, in a human cosmetic haircare composition:



in which:

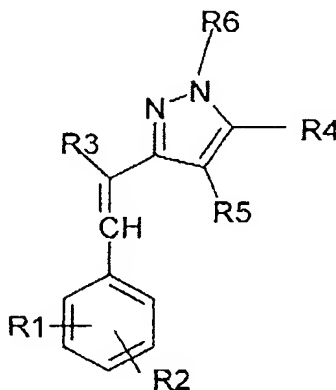
- R<sub>1</sub>, R<sub>2</sub>, R<sub>4</sub> and R<sub>5</sub>, which may be identical or different, are chosen from hydrogen, a halogen, groups OR<sub>7</sub>, SR<sub>7</sub>, NR<sub>7</sub>R'<sub>7</sub>, COOR<sub>7</sub>, CONR<sub>7</sub>R'<sub>7</sub>, CF<sub>3</sub>, CN, NR<sub>7</sub>COR'<sub>7</sub>, SO<sub>2</sub>R<sub>7</sub>, SO<sub>2</sub>NR<sub>7</sub>R'<sub>7</sub>, NR<sub>7</sub>SO<sub>2</sub>R'<sub>7</sub>, COR<sub>7</sub>, CSR<sub>7</sub>, OCOR<sub>7</sub>, COSR<sub>7</sub>, SCOR<sub>7</sub>, CSNR<sub>7</sub>R'<sub>7</sub>, NR<sub>7</sub>CONR'<sub>7</sub>R''<sub>7</sub>, NR<sub>7</sub>C(=NR'<sub>7</sub>)NR''<sub>7</sub>R'''<sub>7</sub>, NR<sub>7</sub>CSR'<sub>7</sub> and NR<sub>7</sub>CSNR'<sub>7</sub>R''<sub>7</sub>, saturated or unsaturated, linear or branched C<sub>1</sub>-C<sub>20</sub> alkyl radicals, saturated or unsaturated rings of 4 to 7 atoms, ~~optionally containing at least one hetero atom,~~ these rings possibly being separate or fused, the alkyl

radicals and the rings also possibly being substituted with at least one substituent  $A_1$ , with  $R_7$ ,  $R'_7$ ,  $R''_7$  and  $R'''_7$  independently denoting hydrogen, a linear or branched  $C_1$ - $C_{20}$  alkyl radical or a ring of 4 to 7 atoms, ~~optionally containing at least one hetero atom~~, isolated or fused to another ring, the alkyl radical or the said rings being saturated or unsaturated and optionally substituted with at least one substituent  $A_2$ ;

- $R_3$  is chosen from CN,  $COOR_8$ ,  $CONR_8R'_8$ ,  $COR_8$ ,  $SO_2R_8$  and  $SO_2NR_8R'_8$ , with  $R_8$  and  $R'_8$  independently denoting hydrogen, a linear or branched  $C_1$ - $C_{20}$  alkyl radical or a ring of 4 to 7 atoms, isolated or fused to another ring and ~~optionally containing at least one hetero atom~~, the alkyl radical or the said rings being saturated or unsaturated and optionally substituted with at least one substituent  $A_3$ ;
- $R_6$  is chosen from hydrogen, groups  $COOR_9$ ,  $COR_9$ ,  $CSR_9$ ,  $COSR_9$ ,  $CONR_9R'_9$ ,  $SO_2R_9$  and  $SO_2NR_9R'_9$ , linear or branched, saturated or unsaturated  $C_1$ - $C_{20}$  alkyl radicals and saturated or unsaturated rings of 4 to 7 atoms, ~~optionally containing at least one hetero atom~~, these rings possibly being separate or fused, the alkyl radicals and the rings also possibly being substituted with at least one substituent  $A_4$ , with  $R_9$  and  $R'_9$ , which may be identical or different, denoting hydrogen, a linear or branched  $C_1$ - $C_{20}$  alkyl radical or a ring of 4 to 7 atoms, ~~optionally containing at least one hetero atom~~, isolated or fused to another ring, the alkyl radical or the said rings being saturated or unsaturated and optionally substituted with at least one substituent  $A_5$ ;
- $A_1$ ,  $A_2$ ,  $A_3$ ,  $A_4$  and  $A_5$  being chosen independently from halogens, groups  $OR_{10}$ ,  $SR_{10}$ ,  $NR_{10}R'_{10}$ ,  $COOR_{10}$ ,  $CH_2COOR_{10}$ ,  $CONR_{10}R'_{10}$ ,  $CF_3$ , CN,  $NR_{10}COR'_{10}$ ,  $SO_2R_{10}$ ,  $SO_2NR_{10}R'_{10}$ ,  $NR_{10}SO_2R'_{10}$ ,  $COR_{10}$ ,  $CSR_{10}$ ,  $OCOR_{10}$ ,  $COSR_{10}$ ,  $SCOR_{10}$ ,  $CSNR_{10}R'_{10}$ ,  $NR_{10}CONR'_{10}R''_{10}$ ,  $NR_{10}C(=NR'_{10})NR''_{10}R'''_{10}$ ,  $NR_{10}CSNR'_{10}R''_{10}$  and  $NR_{10}CSR'_{10}$ , with  $R_{10}$ ,  $R'_{10}$ ,  $R''_{10}$  and  $R'''_{10}$ , which may be identical or different, denoting hydrogen, a linear or branched  $C_1$ - $C_{20}$  alkyl radical or a ring of 4 to 7 atoms, ~~optionally containing at least one hetero atom~~, isolated or fused to another ring, the alkyl radical or the said rings being saturated or unsaturated;

~~in a human cosmetic haircare composition to reduce hair loss and/or to increase its density and/or to treat alopecia of natural origin.~~

8. (Currently Amended) Use A method of preparing a human hair composition, which is intended to induce and/or stimulate hair growth and/or reduce its loss and/or increase its density and/or treat androgenic alopecia and/or treat natural alopecia, comprising combining at least one styrylpyrazole compound of formula (I), or a salt thereof, with a non-toxic, physiologically acceptable medium:

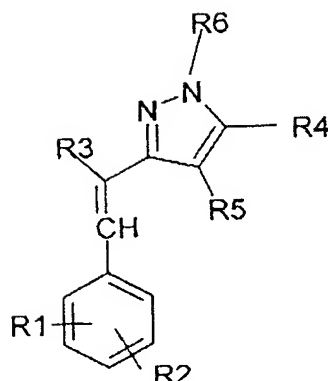


in which:

- $R_1$ ,  $R_2$ ,  $R_4$  and  $R_5$ , which may be identical or different, are chosen from hydrogen, a halogen, groups  $OR_7$ ,  $SR_7$ ,  $NR_7R'_7$ ,  $COOR_7$ ,  $CONR_7R'_7$ ,  $CF_3$ ,  $CN$ ,  $NR_7COR'_7$ ,  $SO_2R_7$ ,  $SO_2NR_7R'_7$ ,  $NR_7SO_2R'_7$ ,  $COR_7$ ,  $CSR_7$ ,  $OCOR_7$ ,  $COSR_7$ ,  $SCOR_7$ ,  $CSNR_7R'_7$ ,  $NR_7CONR'_7R''_7$ ,  $NR_7C(=NR'_7)NR''_7R'''_7$ ,  $NR_7CSR'_7$  and  $NR_7CSNR'_7R''_7$ , saturated or unsaturated, linear or branched  $C_1$ - $C_{20}$  alkyl radicals, saturated or unsaturated rings of 4 to 7 atoms, ~~optionally containing at least one hetero atom~~, these rings possibly being separate or fused, the alkyl radicals and the rings also possibly being substituted with at least one substituent  $A_1$ , with  $R_7$ ,  $R'_7$ ,  $R''_7$  and  $R'''_7$  independently denoting hydrogen, a linear or branched  $C_1$ - $C_{20}$  alkyl radical or a ring of 4 to 7 atoms, ~~optionally containing at least one hetero atom~~, isolated or fused to another ring, the alkyl radical or the said rings being saturated or unsaturated and optionally substituted with at least one substituent  $A_2$ ;

- $R_3$  is chosen from CN,  $\text{COOR}_8$ ,  $\text{CONR}_8\text{R}'_8$ ,  $\text{COR}_8$ ,  $\text{SO}_2\text{R}_8$  and  $\text{SO}_2\text{NR}_8\text{R}'_8$ , with  $R_8$  and  $\text{R}'_8$  independently denoting hydrogen, a linear or branched  $\text{C}_1\text{-C}_{20}$  alkyl radical or a ring of 4 to 7 atoms, isolated or fused to another ring and optionally containing at least one hetero atom, the alkyl radical or the said rings being saturated or unsaturated and optionally substituted with at least one substituent  $A_3$ ;
  - $R_6$  is chosen from hydrogen, groups  $\text{COOR}_9$ ,  $\text{COR}_9$ ,  $\text{CSR}_9$ ,  $\text{COSR}_9$ ,  $\text{CONR}_9\text{R}'_9$ ,  $\text{SO}_2\text{R}_9$  and  $\text{SO}_2\text{NR}_9\text{R}'_9$ , linear or branched, saturated or unsaturated  $\text{C}_1\text{-C}_{20}$  alkyl radicals and saturated or unsaturated rings of 4 to 7 atoms, optionally containing at least one hetero atom, these rings possibly being separate or fused, the alkyl radicals and the rings also possibly being substituted with at least one substituent  $A_4$ , with  $R_9$  and  $\text{R}'_9$ , which may be identical or different, denoting hydrogen, a linear or branched  $\text{C}_1\text{-C}_{20}$  alkyl radical or a ring of 4 to 7 atoms, optionally containing at least one hetero atom, isolated or fused to another ring, the alkyl radical or the said rings being saturated or unsaturated and optionally substituted with at least one substituent  $A_5$ ;
  - $A_1$ ,  $A_2$ ,  $A_3$ ,  $A_4$  and  $A_5$  being chosen independently from halogens, groups  $\text{OR}_{10}$ ,  $\text{SR}_{10}$ ,  $\text{NR}_{10}\text{R}'_{10}$ ,  $\text{COOR}_{10}$ ,  $\text{CH}_2\text{COOR}_{10}$ ,  $\text{CONR}_{10}\text{R}'_{10}$ ,  $\text{CF}_3$ , CN,  $\text{NR}_{10}\text{COR}'_{10}$ ,  $\text{SO}_2\text{R}_{10}$ ,  $\text{SO}_2\text{NR}_{10}\text{R}'_{10}$ ,  $\text{NR}_{10}\text{SO}_2\text{R}'_{10}$ ,  $\text{COR}_{10}$ ,  $\text{CSR}_{10}$ ,  $\text{OCOR}_{10}$ ,  $\text{COSR}_{10}$ ,  $\text{SCOR}_{10}$ ,  $\text{CSNR}_{10}\text{R}'_{10}$ ,  $\text{NR}_{10}\text{CONR}'_{10}\text{R}''_{10}$ ,  $\text{NR}_{10}\text{C}(=\text{NR}'_{10})\text{NR}''_{10}\text{R}'''_{10}$ ,  $\text{NR}_{10}\text{CSNR}'_{10}\text{R}''_{10}$  and  $\text{NR}_{10}\text{CSR}'_{10}$ , with  $R_{10}$ ,  $\text{R}'_{10}$ ,  $\text{R}''_{10}$  and  $\text{R}'''_{10}$ , which may be identical or different, denoting hydrogen, a linear or branched  $\text{C}_1\text{-C}_{20}$  alkyl radical or a ring of 4 to 7 atoms, optionally containing at least one hetero atom, isolated or fused to another ring, the alkyl radical or the said rings being saturated or unsaturated;
- for the preparation of a human hair composition, which is intended to induce and/or stimulate hair growth and/or reduce its loss and/or increase its density and/or treat androgenic alopecia and/or treat natural alopecia.

9. (Currently Amended) Use A method of inducing and/or stimulating the growth of eyelashes and/or increasing their density, comprising administering at least one styrylpyrazole compound of formula (I), or a salt thereof, in a cosmetic care and/or makeup composition for human eyelashes:



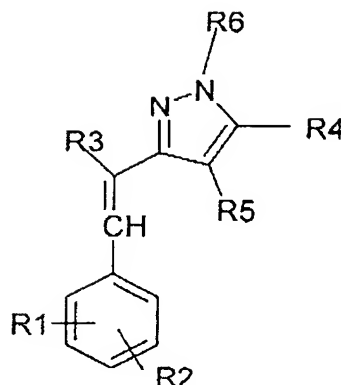
in which:

- $R_1$ ,  $R_2$ ,  $R_4$  and  $R_5$ , which may be identical or different, are chosen from hydrogen, a halogen, groups  $OR_7$ ,  $SR_7$ ,  $NR_7R'_7$ ,  $COOR_7$ ,  $CONR_7R'_7$ ,  $CF_3$ ,  $CN$ ,  $NR_7COR'_7$ ,  $SO_2R_7$ ,  $SO_2NR_7R'_7$ ,  $NR_7SO_2R'_7$ ,  $COR_7$ ,  $CSR_7$ ,  $OCOR_7$ ,  $COSR_7$ ,  $SCOR_7$ ,  $CSNR_7R'_7$ ,  $NR_7CONR'_7R''_7$ ,  $NR_7C(=NR'_7)NR''_7R'''_7$ ,  $NR_7CSR'_7$  and  $NR_7CSNR'_7R''_7$ , saturated or unsaturated, linear or branched  $C_1$ - $C_{20}$  alkyl radicals, saturated or unsaturated rings of 4 to 7 atoms, ~~optionally containing at least one hetero atom~~, these rings possibly being separate or fused, the alkyl radicals and the rings also possibly being substituted with at least one substituent  $A_1$ , with  $R_7$ ,  $R'_7$ ,  $R''_7$  and  $R'''_7$  independently denoting hydrogen, a linear or branched  $C_1$ - $C_{20}$  alkyl radical or a ring of 4 to 7 atoms, ~~optionally containing at least one hetero atom~~, isolated or fused to another ring, the alkyl radical or the said rings being saturated or unsaturated and optionally substituted with at least one substituent  $A_2$ ;
- $R_3$  is chosen from  $CN$ ,  $COOR_8$ ,  $CONR_8R'_8$ ,  $COR_8$ ,  $SO_2R_8$  and  $SO_2NR_8R'_8$ , with  $R_8$  and  $R'_8$  independently denoting hydrogen, a linear or branched  $C_1$ - $C_{20}$  alkyl radical or a ring of 4 to 7 atoms, isolated or fused to another ring and ~~optionally containing at least one hetero atom~~, the alkyl radical or the said rings being saturated or unsaturated and optionally substituted with at least one substituent  $A_3$ ;
- $R_6$  is chosen from hydrogen, groups  $COOR_9$ ,  $COR_9$ ,  $CSR_9$ ,  $COSR_9$ ,  $CONR_9R'_9$ ,  $SO_2R_9$ , ~~and~~  $SO_2NR_9R'_9$ , linear or branched, saturated or unsaturated  $C_1$ - $C_{20}$  alkyl

radicals and saturated or unsaturated rings of 4 to 7 atoms, ~~optionally containing at least one hetero atom~~, these rings possibly being separate or fused, the alkyl radicals and the rings also possibly being substituted with at least one substituent A<sub>4</sub>, with R<sub>9</sub> and R'<sub>9</sub>, which may be identical or different, denoting hydrogen, a linear or branched C<sub>1</sub>-C<sub>20</sub> alkyl radical or a ring of 4 to 7 atoms, ~~optionally containing at least one hetero atom~~, isolated or fused to another ring, the alkyl radical or the said rings being saturated or unsaturated and optionally substituted with at least one substituent A<sub>5</sub>;

- A<sub>1</sub>, A<sub>2</sub>, A<sub>3</sub>, A<sub>4</sub> and A<sub>5</sub> being chosen independently from halogens, groups OR<sub>10</sub>, SR<sub>10</sub>, NR<sub>10</sub>R'<sub>10</sub>, COOR<sub>10</sub>, CH<sub>2</sub>COOR<sub>10</sub>, CONR<sub>10</sub>R'<sub>10</sub>, CF<sub>3</sub>, CN, NR<sub>10</sub>COR'<sub>10</sub>, SO<sub>2</sub>R<sub>10</sub>, SO<sub>2</sub>NR<sub>10</sub>R'<sub>10</sub>, NR<sub>10</sub>SO<sub>2</sub>R'<sub>10</sub>, COR<sub>10</sub>, CSR<sub>10</sub>, OCOR<sub>10</sub>, COSR<sub>10</sub>, SCOR<sub>10</sub>, CSNR<sub>10</sub>R'<sub>10</sub>, NR<sub>10</sub>CONR'<sub>10</sub>R''<sub>10</sub>, NR<sub>10</sub>C(=NR'<sub>10</sub>)NR''<sub>10</sub>R'''<sub>10</sub>, NR<sub>10</sub>CSNR'<sub>10</sub>R''<sub>10</sub> and NR<sub>10</sub>CSR'<sub>10</sub>, with R<sub>10</sub>, R'<sub>10</sub>, R''<sub>10</sub> and R'''<sub>10</sub>, which may be identical or different, denoting hydrogen, a linear or branched C<sub>1</sub>-C<sub>20</sub> alkyl radical or a ring of 4 to 7 atoms, ~~optionally containing at least one hetero atom~~, isolated or fused to another ring, the alkyl radical or the said rings being saturated or unsaturated, ~~in a cosmetic care and/or makeup composition for human eyelashes, to induce and/or stimulate the growth of the eyelashes and/or to increase their density.~~

10. (Currently Amended) Use A method of preparing a care or treatment composition for human eyelashes, which is intended to induce and/or stimulate the growth of the eyelashes and/or increase their density, comprising combining at least one styrylpyrazole compound of formula (I), or a salt thereof, with a non-toxic, physiologically acceptable medium:



in which:

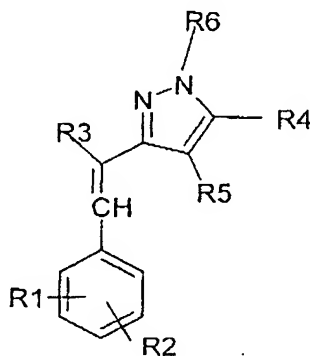
- $R_1$ ,  $R_2$ ,  $R_4$  and  $R_5$ , which may be identical or different, are chosen from hydrogen, a halogen, groups  $OR_7$ ,  $SR_7$ ,  $NR_7R'_7$ ,  $COOR_7$ ,  $CONR_7R'_7$ ,  $CF_3$ ,  $CN$ ,  $NR_7COR'_7$ ,  $SO_2R_7$ ,  $SO_2NR_7R'_7$ ,  $NR_7SO_2R'_7$ ,  $COR_7$ ,  $CSR_7$ ,  $OCOR_7$ ,  $COSR_7$ ,  $SCOR_7$ ,  $CSNR_7R'_7$ ,  $NR_7CONR'_7R''_7$ ,  $NR_7C(=NR'_7)NR''_7R'''_7$ ,  $NR_7CSR'_7$  and  $NR_7CSNR'_7R''_7$ , saturated or unsaturated, linear or branched  $C_1$ - $C_{20}$  alkyl radicals, saturated or unsaturated rings of 4 to 7 atoms, ~~optionally containing at least one hetero atom~~, these rings possibly being separate or fused, the alkyl radicals and the rings also possibly being substituted with at least one substituent  $A_1$ , with  $R_7$ ,  $R'_7$ ,  $R''_7$  and  $R'''_7$  independently denoting hydrogen, a linear or branched  $C_1$ - $C_{20}$  alkyl radical or a ring of 4 to 7 atoms, ~~optionally containing at least one hetero atom~~, isolated or fused to another ring, the alkyl radical or the said rings being saturated or unsaturated and optionally substituted with at least one substituent  $A_2$ ;
- $R_3$  is chosen from  $CN$ ,  $COOR_8$ ,  $CONR_8R'_8$ ,  $COR_8$ ,  $SO_2R_8$  and  $SO_2NR_8R'_8$ , with  $R_8$  and  $R'_8$  independently denoting hydrogen, a linear or branched  $C_1$ - $C_{20}$  alkyl radical or a ring of 4 to 7 atoms, isolated or fused to another ring and ~~optionally containing at least one hetero atom~~, the alkyl radical or the said rings being saturated or unsaturated and optionally substituted with at least one substituent  $A_3$ ;
- $R_6$  is chosen from hydrogen, groups  $COOR_9$ ,  $COR_9$ ,  $CSR_9$ ,  $COSR_9$ ,  $CONR_9R'_9$ ,  $SO_2R_9$  and  $SO_2NR_9R'_9$ , linear or branched, saturated or unsaturated  $C_1$ - $C_{20}$  alkyl



radicals and saturated or unsaturated rings of 4 to 7 atoms, ~~optionally containing at least one hetero atom~~, these rings possibly being separate or fused, the alkyl radicals and the rings also possibly being substituted with at least one substituent A<sub>4</sub>, with R<sub>9</sub> and R'<sub>9</sub>, which may be identical or different, denoting hydrogen, a linear or branched C<sub>1</sub>-C<sub>20</sub> alkyl radical or a ring of 4 to 7 atoms, ~~optionally containing at least one hetero atom~~, isolated or fused to another ring, the alkyl radical or the said rings being saturated or unsaturated and optionally substituted with at least one substituent A<sub>5</sub>;

- A<sub>1</sub>, A<sub>2</sub>, A<sub>3</sub>, A<sub>4</sub> and A<sub>5</sub> being chosen independently from halogens, groups OR<sub>10</sub>, SR<sub>10</sub>, NR<sub>10</sub>R'<sub>10</sub>, COOR<sub>10</sub>, CH<sub>2</sub>COOR<sub>10</sub>, CONR<sub>10</sub>R'<sub>10</sub>, CF<sub>3</sub>, CN, NR<sub>10</sub>COR'<sub>10</sub>, SO<sub>2</sub>R<sub>10</sub>, SO<sub>2</sub>NR<sub>10</sub>R'<sub>10</sub>, NR<sub>10</sub>SO<sub>2</sub>R'<sub>10</sub>, COR<sub>10</sub>, CSR<sub>10</sub>, OCOR<sub>10</sub>, COSR<sub>10</sub>, SCOR<sub>10</sub>, CSNR<sub>10</sub>R'<sub>10</sub>, NR<sub>10</sub>CONR'<sub>10</sub>R''<sub>10</sub>, NR<sub>10</sub>C(=NR'<sub>10</sub>)NR''<sub>10</sub>R'''<sub>10</sub>, NR<sub>10</sub>CSNR'<sub>10</sub>R''<sub>10</sub> and NR<sub>10</sub>CSR'<sub>10</sub>, with R<sub>10</sub>, R'<sub>10</sub>, R''<sub>10</sub> and R'''<sub>10</sub>, which may be identical or different, denoting hydrogen, a linear or branched C<sub>1</sub>-C<sub>20</sub> alkyl radical or a ring of 4 to 7 atoms, ~~optionally containing at least one hetero atom~~, isolated or fused to another ring, the alkyl radical or the said rings being saturated or unsaturated, ~~for the preparation of a care or treatment composition for human eyelashes, which is intended to induce and/or stimulate the growth of the eyelashes and/or increase their density.~~

11. (Currently Amended) ~~Use~~ The method according to any one of claims 1-5 and 7-10 ~~the preceding claims~~, characterized in that the styrylpyrazole compound is of formula (II) below, or a salt thereof:



in which:

- $R_1$ ,  $R_2$ ,  $R_4$  and  $R_5$  independently represent H, a halogen,  $OR_7$ ,  $SR_7$ ,  $NR_7R'_7$ ,  $COOR_7$ ,  $CONR_7R'_7$ ,  $CF_3$ , CN, a saturated or unsaturated  $C_1$ - $C_{10}$  alkyl radical, a saturated or unsaturated ring, separate or fused to another ring, ~~optionally containing at least one hetero atom~~, the alkyl radicals and the rings also possibly being substituted with at least one substituent  $A_1$ , with  $R_7$  and  $R'_7$  independently denoting H, a  $C_1$ - $C_{10}$  alkyl radical or a ring which is isolated or fused to another ring;
- $R_3$  represents CN,  $COOR_8$ ,  $CONR_8R'_8$  or  $COR_8$ , with  $R_8$  and  $R'_8$  independently denoting H, a  $C_1$ - $C_{10}$  alkyl radical or a ring which is isolated or fused to another ring and ~~optionally containing at least one hetero atom~~, the said rings being saturated or unsaturated and optionally substituted with at least one substituent  $A_1$ ;
- $R_6$  represents hydrogen,  $COOR_9$ ,  $COR_9$ , a saturated or unsaturated  $C_1$ - $C_{10}$  alkyl radical or a saturated or unsaturated ring, which is separate or fused to another ring, ~~optionally containing at least one hetero atom~~, the alkyl radicals and the rings also possibly being substituted with at least one substituent  $A_1$ , with  $R_9$  and  $R'_9$  independently denoting H, a  $C_1$ - $C_{20}$  alkyl radical or a ring which is isolated or fused to another ring;
- the rings containing 5 or 6 atoms;
- the hetero atoms being O, N or S or a combination thereof.

12. (Currently Amended) ~~Use~~ The method according to any one of claims 1-5 and 7-10 ~~one of the preceding claims~~, characterized in that at least one from among  $R_1$  and  $R_2$  represents a hydrogen atom, a halogen atom,  $OR_7$  or  $CF_3$ .

13. (Currently Amended) ~~Use~~ The method according to any one of claims 1-5 and 7-10 ~~one of the preceding claims~~, characterized in that  $R_1$  and  $R_2$  are located on the phenyl ring, in an ortho position to the branching of the pyrazole portion.

14. (Currently Amended) ~~Use The method according to any one of claims 1-5 and 7-10~~one of the preceding claims, characterized in that R<sub>1</sub> and/or R<sub>2</sub> represent(s) a halogen atom, especially a chlorine atom.

15. (Currently Amended) ~~Use The method according to any one of claims 1-5 and 7-10~~one of the preceding claims, characterized in that R<sub>3</sub> represents CN.

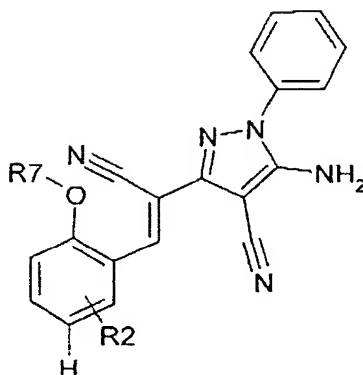
16. (Currently Amended) ~~Use The method according to the preceding claim 15~~, characterized in that R<sub>4</sub>, R<sub>5</sub> and R<sub>6</sub> represent, independently of each other, NH<sub>2</sub>, H, CN, a C<sub>1</sub>-C<sub>10</sub> alkyl radical optionally substituted with OR<sub>10</sub>, or a saturated or unsaturated hydrocarbon-based ring containing 5 or 6 atoms.

17. (Currently Amended) ~~Use The method according to any one of claims 1-5 and 7-10~~one of the preceding claims, characterized in that R<sub>6</sub> represents CH<sub>2</sub>CH<sub>2</sub>OH or a phenyl radical.

18. (Currently Amended) ~~Use The method according to any one of claims 1-5 and 7-10~~one of the preceding claims, characterized in that R<sub>4</sub> represents NH<sub>2</sub> or H.

19. (Currently Amended) ~~Use The method according to any one of claims 1-5 and 7-10~~one of the preceding claims, characterized in that R<sub>5</sub> represents CN or H.

20. (Currently Amended) ~~Use The method according to any one of claims 1-5 and 7-10~~one of the preceding claims, characterized in that the styrylpyrazole compound is of formula (III) below, or a salt thereof:



$R_7$  represents

- a linear or branched, saturated or unsaturated  $C_1$ - $C_{10}$  alkyl radical, optionally substituted with at least one substituent  $A_1$ ; or
- a saturated or unsaturated ring  $C^1$  of 4 to 7 atoms, ~~optionally containing at least one hetero atom and/or being~~ optionally substituted with at least one substituent  $A_1$  and/or optionally fused to at least one saturated or unsaturated ring  $C^2$  of 4 to 7 atoms, ~~optionally containing at least one hetero atom~~;

$R_2$  represents

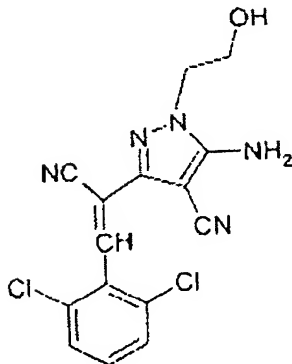
- $OR_7$ ,  $SR_7$ ,  $NR_7R'_7$ ,  $COOR_7$ ,  $CONR_7R'_7$ ,  $CF_3$ ,  $CN$ ,  $NR_7COR'_7$ ,  $SO_2R_7$ ,  $SO_2NR_7R'_7$ ,  $NR_7SO_2R'_7$ ,  $COR_7$ ,  $CSR_7$ ,  $OCOR_7$ ,  $COSR_7$ ,  $SCOR_7$ ,  $CSNR_7R'_7$ ,  $NR_7CONR'_7R''_7$ ,  $NR_7C(=NR'_7)NR''_7R'''_7$ ,  $NR_7CSR'_7$  and  $NR_7CSNR'_7R''_7$ , a saturated or unsaturated  $C_1$ - $C_{10}$  alkyl radical, a saturated or unsaturated ring  $C^3$ , which is separate or fused to another ring  $C^4$ , ~~optionally containing at least one hetero atom~~, the alkyl radicals and the rings also possibly being substituted with at least one substituent  $A_1$  in which  $R_7$  and  $R'_7$ , which may be identical or different, denote:
  - a hydrogen atom or a linear or branched, saturated or unsaturated  $C_1$ - $C_{10}$  alkyl radical,
  - a  $C^2$  aromatic ring optionally including at least one hetero atom, optionally substituted with at least one substituent  $A_2$ ;

in which the hetero atoms are chosen from N, O and S and a combination thereof.

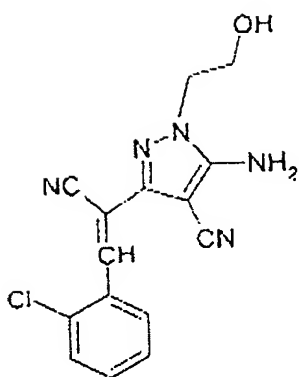
21. (Currently Amended) ~~Use The method according to any one of claims 1-5 and 7-10~~one of the preceding claims, characterized in that the salt of the compound of formula (I) is a salt chosen from the sodium and potassium salts, the zinc ( $\text{Zn}^{2+}$ ), calcium ( $\text{Ca}^{2+}$ ), copper ( $\text{Cu}^{2+}$ ), iron ( $\text{Fe}^{2+}$ ), strontium ( $\text{Sr}^{2+}$ ), magnesium ( $\text{Mg}^{2+}$ ), ammonium and manganese ( $\text{Mn}^{2+}$ ) salts, the triethanolamine, monoethanolamine, diethanolamine, hexadecylamine, N,N,N',N'-tetrakis(2-hydroxypropyl)ethylenediamine and tris(hydroxymethyl)aminomethane salts, and the hydroxides, carbonates, sulphates, phosphates, halides and nitrates.

22. (Currently Amended) ~~Use The method according to any one of claims 1-5 and 7-10~~one of the preceding claims, characterized in that the compound of formula (I) is chosen from:

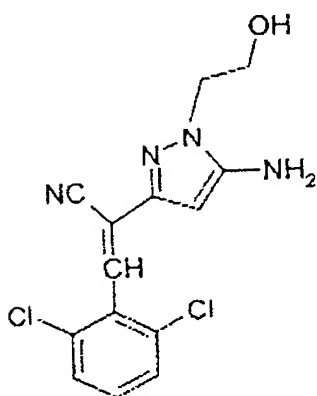
1. Compound 1



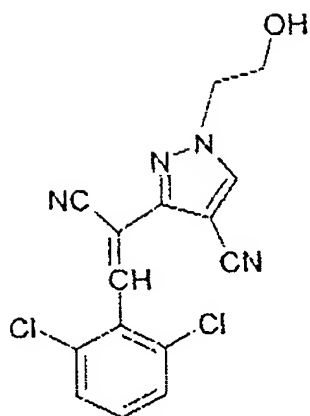
2. Compound 2



3. Compound 3

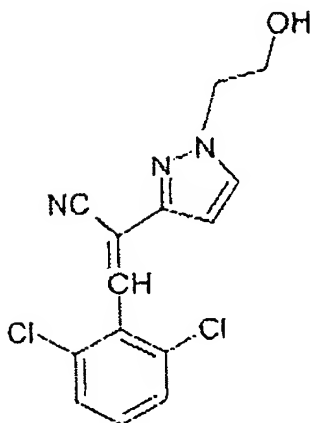


4. Compound 4



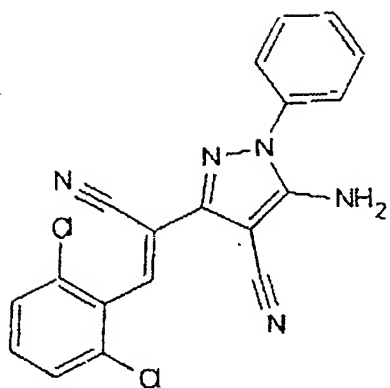
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5. Compound 5

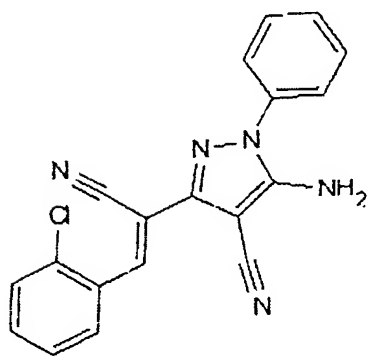


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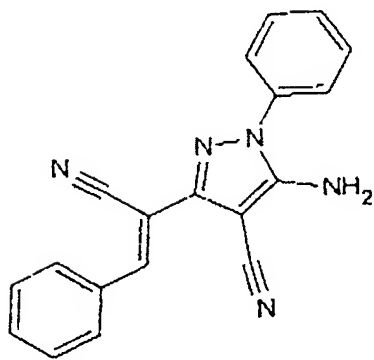
6. Compound 6



7. Compound 7

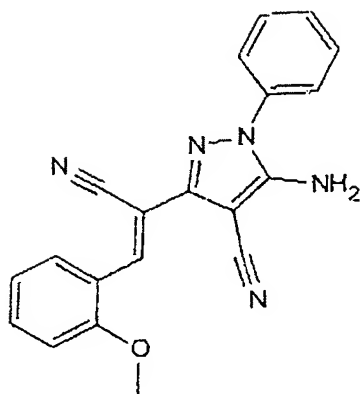


8. Compound 8

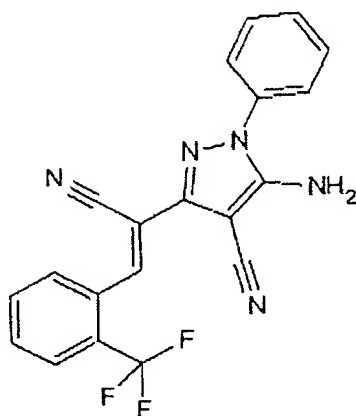




9. Compound 9

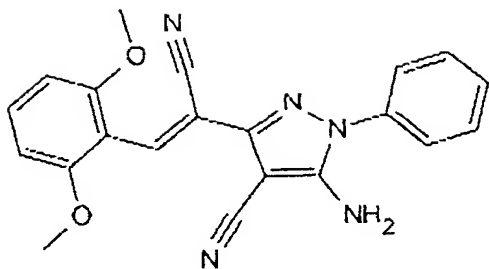


10. Compound 10



, and

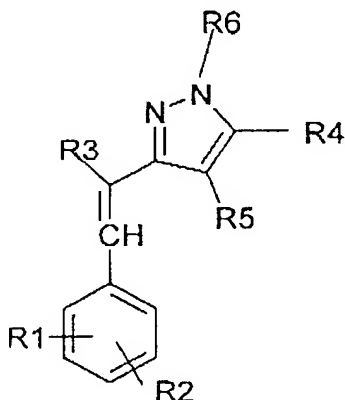
11. Compound 11



23. (Currently Amended) ~~Use The method according to any one of claims 1-5 and 7-10~~ one of the preceding claims, characterized in that the compound of formula (I) or a mixture of compounds of formula (I) is used at a concentration ranging from  $10^{-3}\%$  to 10% and preferably from  $10^{-2}\%$  to 2% relative to the total weight of the composition.

24. (Currently Amended) ~~Use The method according to one of Claims 2, 3 and 5 to 23~~ any one of claims 2, 3, 5, and 7-10, characterized in that the composition is a composition for topical application.

25. (Withdrawn) Haircare or makeup composition for keratin fibres, containing a physiologically acceptable medium and an effective amount of at least one styrylpyrazole compound of formula (I), or a salt thereof:

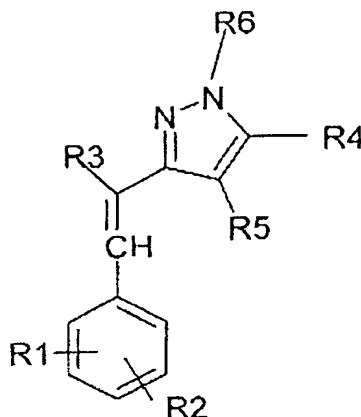


in which:

- $R_1$ ,  $R_2$ ,  $R_4$  and  $R_5$ , which may be identical or different, are chosen from hydrogen, a halogen, groups  $OR_7$ ,  $SR_7$ ,  $NR_7R'_7$ ,  $COOR_7$ ,  $CONR_7R'_7$ ,  $CF_3$ ,  $CN$ ,  $NR_7COR'_7$ ,  $SO_2R_7$ ,  $SO_2NR_7R'_7$ ,  $NR_7SO_2R'_7$ ,  $COR_7$ ,  $CSR_7$ ,  $OCOR_7$ ,  $COSR_7$ ,  $SCOR_7$ ,  $CSNR_7R'_7$ ,  $NR_7CONR'_7R''_7$ ,  $NR_7C(=NR'_7)NR''_7R'''_7$ ,  $NR_7CSR'_7$  and  $NR_7CSNR'_7R''_7$ , saturated or unsaturated, linear or branched  $C_1$ - $C_{20}$  alkyl radicals, saturated or unsaturated rings of 4 to 7 atoms, ~~optionally containing at least one hetero atom~~, these rings possibly being separate or fused, the alkyl radicals and the rings also possibly being substituted with at least one substituent  $A_1$ , with  $R_7$ ,  $R'_7$ ,  $R''_7$  and  $R'''_7$  independently denoting hydrogen, a linear or branched  $C_1$ - $C_{20}$  alkyl radical or a ring of 4 to 7 atoms, ~~optionally containing at least one hetero atom~~, isolated or fused to another ring, the alkyl radical or the said rings being saturated or unsaturated and optionally substituted with at least one substituent  $A_2$ ;
- $R_3$  is chosen from  $CN$ ,  $COOR_8$ ,  $CONR_8R'_8$ ,  $COR_8$ ,  $SO_2R_8$  and  $SO_2NR_8R'_8$ , with  $R_8$  and  $R'_8$  independently denoting hydrogen, a linear or branched  $C_1$ - $C_{20}$  alkyl radical or a ring of 4 to 7 atoms, isolated or fused to another ring and ~~optionally containing at least one hetero atom~~, the alkyl radical or the said rings being saturated or unsaturated and optionally substituted with at least one substituent  $A_3$ ;
- $R_6$  is chosen from hydrogen, groups  $COOR_9$ ,  $COR_9$ ,  $CSR_9$ ,  $COSR_9$ ,  $CONR_9R'_9$ ,  $SO_2R_9$  and  $SO_2NR_9R'_9$ , linear or branched, saturated or unsaturated  $C_1$ - $C_{20}$  alkyl radicals and saturated or unsaturated rings of 4 to 7 atoms, ~~optionally containing at least one hetero atom~~, these rings possibly being separate or fused, the alkyl radicals and the rings also possibly being substituted with at least one substituent  $A_4$ , with  $R_9$  and  $R'_9$ , which may be identical or different, denoting hydrogen, a linear or branched  $C_1$ - $C_{20}$  alkyl radical or a ring of 4 to 7 atoms, ~~optionally containing at least one hetero atom~~, isolated or fused to another ring, the alkyl radical or the said rings being saturated or unsaturated and optionally substituted with at least one substituent  $A_5$ ;
- $A_1$ ,  $A_2$ ,  $A_3$ ,  $A_4$  and  $A_5$  being chosen independently from halogens, groups  $OR_{10}$ ,  $SR_{10}$ ,  $NR_{10}R'_{10}$ ,  $COOR_{10}$ ,  $CH_2COOR_{10}$ ,  $CONR_{10}R'_{10}$ ,  $CF_3$ ,  $CN$ ,  $NR_{10}COR'_{10}$ ,

SO<sub>2</sub>R<sub>10</sub>, SO<sub>2</sub>NR<sub>10</sub>R'<sub>10</sub>, NR<sub>10</sub>SO<sub>2</sub>R'<sub>10</sub>, COR<sub>10</sub>, CSR<sub>10</sub>, OCOR<sub>10</sub>, COSR<sub>10</sub>, SCOR<sub>10</sub>, CSNR<sub>10</sub>R'<sub>10</sub>, NR<sub>10</sub>CONR'<sub>10</sub>R''<sub>10</sub>, NR<sub>10</sub>C(=NR'<sub>10</sub>)NR''<sub>10</sub>R'''<sub>10</sub>, NR<sub>10</sub>CSNR'<sub>10</sub>R''<sub>10</sub> and NR<sub>10</sub>CSR'<sub>10</sub>, with R<sub>10</sub>, R'<sub>10</sub>, R''<sub>10</sub> and R'''<sub>10</sub>, which may be identical or different, denoting hydrogen, a linear or branched C<sub>1</sub>-C<sub>20</sub> alkyl radical or a ring of 4 to 7 atoms, ~~optionally containing at least one hetero atom~~, isolated or fused to another ring, the alkyl radical or the said rings being saturated or unsaturated.

26. (Withdrawn) Composition according to Claim 25, characterized in that the styrylpyrazole compound is of formula (II) below, or a salt thereof:



in which:

- R<sub>1</sub>, R<sub>2</sub>, R<sub>4</sub> and R<sub>5</sub> independently represent H, a halogen, OR<sub>7</sub>, SR<sub>7</sub>, NR<sub>7</sub>R'<sub>7</sub>, COOR<sub>7</sub>, CONR<sub>7</sub>R'<sub>7</sub>, CF<sub>3</sub>, CN, a saturated or unsaturated C<sub>1</sub>-C<sub>10</sub> alkyl radical, a saturated or unsaturated ring, separate or fused to another ring, ~~optionally containing at least one hetero atom~~, the alkyl radicals and the rings also possibly being substituted with at least one substituent A<sub>1</sub>, with R<sub>7</sub> and R'<sub>7</sub> independently denoting H, a C<sub>1</sub>-C<sub>10</sub> alkyl radical or a ring which is isolated or fused to another ring;
- R<sub>3</sub> represents CN, COOR<sub>8</sub>, CONR<sub>8</sub>R'<sub>8</sub> or COR<sub>8</sub>, with R<sub>8</sub> and R'<sub>8</sub> independently denoting H, a C<sub>1</sub>-C<sub>10</sub> alkyl radical or a ring which is isolated or fused to another ring and ~~optionally containing at least one hetero atom~~, the said rings being

saturated or unsaturated and optionally substituted with at least one substituent A<sub>1</sub>;

- R<sub>6</sub> represents hydrogen, COOR<sub>9</sub>, COR<sub>9</sub>, a saturated or unsaturated C<sub>1</sub>-C<sub>10</sub> alkyl radical or a saturated or unsaturated ring, which is separate or fused to another ring, ~~optionally containing at least one hetero atom~~, the alkyl radicals and the rings also possibly being substituted with at least one substituent A<sub>1</sub>, with R<sub>9</sub> and R'<sub>9</sub> independently denoting H, a C<sub>1</sub>-C<sub>20</sub> alkyl radical or a ring which is isolated or fused to another ring;
- the rings containing 5 or 6 atoms;
- the hetero atoms being O, N or S or a combination thereof.

27. (Withdrawn) Composition according to Claim 25 or 26, characterized in that at least one from among R<sub>1</sub> and R<sub>2</sub> represents a hydrogen atom, a halogen atom, OR<sub>7</sub> or CF<sub>3</sub>.

28. (Withdrawn) Composition according to one of Claims 25 to 27, characterized in that R<sub>1</sub> and R<sub>2</sub> are located on the phenyl ring, in an ortho position to the branching of the pyrazole portion.

29. (Withdrawn) Composition according to one of Claims 25 to 28, characterized in that R<sub>1</sub> and/or R<sub>2</sub> represent(s) a halogen atom, especially a chlorine atom.

30. (Withdrawn) Composition according to one of Claims 25 to 29, characterized in that R<sub>3</sub> represents CN.

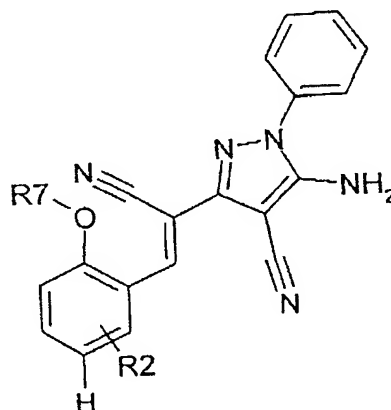
31. (Withdrawn) Composition according to one of Claims 25 to 30, characterized in that R<sub>4</sub>, R<sub>5</sub> and R<sub>6</sub> represent, independently of each other, NH<sub>2</sub>, H, CN, a C<sub>1</sub>-C<sub>10</sub> alkyl radical optionally substituted with OR<sub>10</sub>, or a saturated or unsaturated hydrocarbon-based ring containing 5 or 6 atoms.

32. (Withdrawn) Composition according to one of Claims 25 to 31, characterized in that  $R_6$  represents  $\text{CH}_2\text{CH}_2\text{OH}$  or a phenyl radical.

33. (Withdrawn) Composition according to one of Claims 25 to 32, characterized in that  $R_4$  represents  $\text{NH}_2$  or H.

34. (Withdrawn) Composition according to one of Claims 25 to 33, characterized in that  $R_5$  represents CN or H.

35. (Withdrawn) Composition according to one of Claims 25 to 34, characterized in that the styrylpyrazole compound is of formula (III) below, or a salt thereof:



$R_7$  represents

- a) a linear or branched, saturated or unsaturated  $\text{C}_1\text{-C}_{10}$  alkyl radical, optionally substituted with at least one substituent  $A_1$ ; or
- b) a saturated or unsaturated ring  $\text{C}^1$  of 4 to 7 atoms, ~~optionally containing at least one hetero atom and/or being~~ optionally substituted with at least one substituent  $A_1$  and/or optionally fused to at least one saturated or unsaturated ring  $\text{C}^2$  of 4 to 7 atoms, ~~optionally containing at least one hetero atom;~~

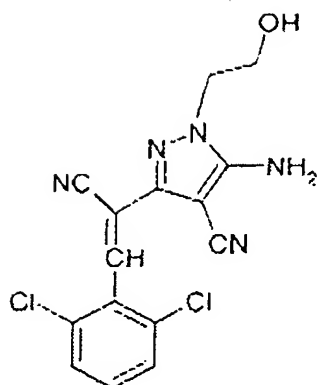
$R_2$  represents

- $OR_7$ ,  $SR_7$ ,  $NR_7R'_7$ ,  $COOR_7$ ,  $CONR_7R'_7$ ,  $CF_3$ ,  $CN$ ,  $NR_7COR'_7$ ,  $SO_2R_7$ ,  $SO_2NR_7R'_7$ ,  $NR_7SO_2R'_7$ ,  $COR_7$ ,  $CSR_7$ ,  $OCOR_7$ ,  $COSR_7$ ,  $SCOR_7$ ,  $CSNR_7R'_7$ ,  $NR_7CONR'_7R''_7$ ,  $NR_7C(=NR'_7)NR''_7R'''_7$ ,  $NR_7CSR'_7$  and  $NR_7CSNR'_7R''_7$ , a saturated or unsaturated  $C_1$ - $C_{10}$  alkyl radical, a saturated or unsaturated ring  $C^3$ , which is separate or fused to another ring  $C^4$ , ~~optionally containing at least one hetero atom~~, the alkyl radicals and the rings also possibly being substituted with at least one substituent  $A_1$  in which  $R_7$  and  $R'_7$ , which may be identical or different, denote:
  - a hydrogen atom or a linear or branched, saturated or unsaturated  $C_1$ - $C_{10}$  alkyl radical,
  - a  $C^2$  aromatic ring optionally including at least one hetero atom, optionally substituted with at least one substituent  $A_2$ ; and
 in which the hetero atoms are chosen from N, O and S and a combination thereof.

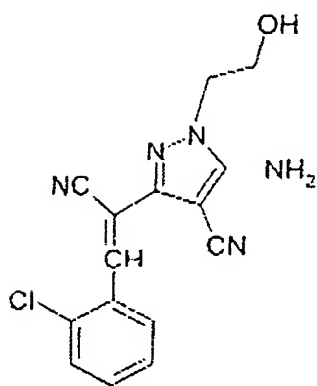
36. (Withdrawn) Composition according to one of Claims 25 to 35, characterized in that the salt of the compound of formula (I) is a salt chosen from the sodium and potassium salts, the zinc ( $Zn^{2+}$ ), calcium ( $Ca^{2+}$ ), copper ( $Cu^{2+}$ ), iron ( $Fe^{2+}$ ), strontium ( $Sr^{2+}$ ), magnesium ( $Mg^{2+}$ ), ammonium and manganese ( $Mn^{2+}$ ) salts, the triethanolamine, monoethanolamine, diethanolamine, hexadecylamine, N,N,N',N'-tetrakis(2-hydroxypropyl)ethylenediamine and tris(hydroxymethyl)aminomethane salts, and the hydroxides, carbonates, sulphates, phosphates, halides and nitrates.

37. (Withdrawn) Composition according to one of Claims 25 to 36, characterized in that the compound of formula (I) is chosen from:

12. Compound 1

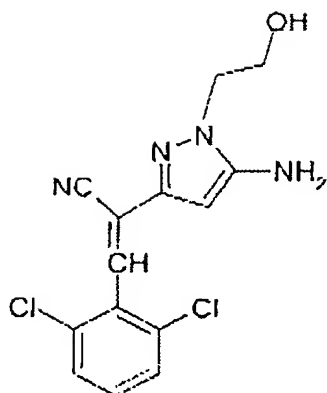


13. Compound 2



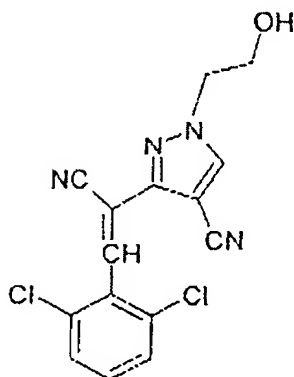
14. Compound 3





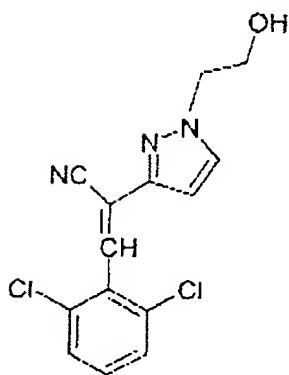
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15. Compound 4



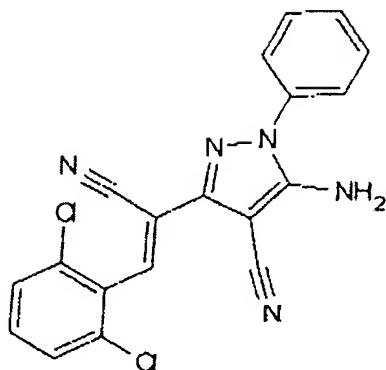
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16. Compound 5



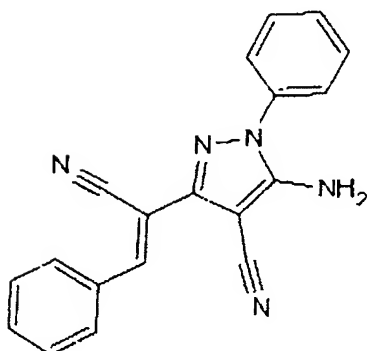
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17. Compound 6



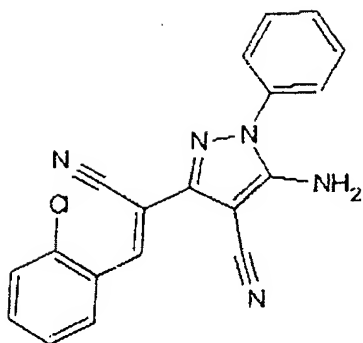
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18. Compound 7



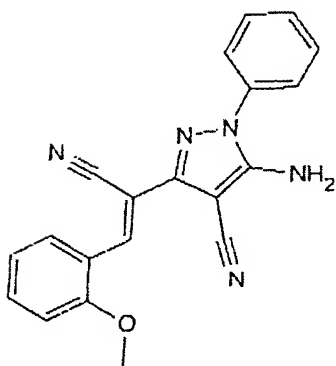
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19. Compound 8



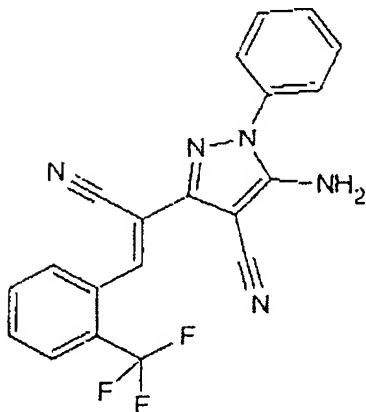
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20. Compound 9



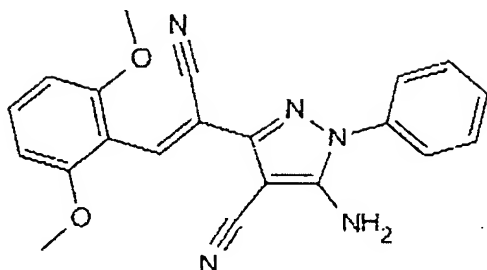
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21. Compound 10



and

22. Compound 11



38. (Withdrawn) Composition according to one of Claims 25 to 37, characterized in that the compound of formula (I) or a mixture of compounds of formula (I) is used at a concentration ranging from  $10^{-3}\%$  to 10% and preferably from  $10^{-2}\%$  to 2% relative to the total weight of the composition.

39. (Withdrawn) Composition according to one of Claims 25 to 38, characterized in that it is in the form of a hair cream, a hair lotion, a shampoo, a conditioner or a mascara for the hair or the eyelashes.

40. (Withdrawn) Composition according to one of Claims 25 to 39, characterized in that it is in the form of an aqueous, alcoholic or aqueous-alcoholic solution or suspension.

41. (Withdrawn) Composition according to one of Claims 25 to 40, characterized in that it contains other ingredients chosen from solvents, aqueous-phase or oily-phase thickeners or gelling agents, dyestuffs that are soluble in the medium of the composition, fillers, pigments, antioxidants, preserving agents, fragrances, electrolytes, neutralizers, film-forming polymers, UV-blockers and cosmetic and pharmaceutical active agents, and mixtures thereof.

42. (Withdrawn) Composition according to one of Claims 25 to 41, characterized in that it also contains another active agent chosen from proteins, protein hydrolysates, amino acids, polyols, urea, allantoin, sugars and sugar derivatives, plant extracts, hydroxy acids, retinol derivatives, tocopherol derivatives, essential fatty acids, ceramides, essential oils, salicylic acid and its derivatives, for instance 5-n-octanoyl salicylic acid, hydroxy acid esters and phospholipids.

43. (Withdrawn) Composition according to one of Claims 25 to 42, characterized in that it contains at least one additional active compound that promotes the regrowth and/or limits the loss of keratin fibres.

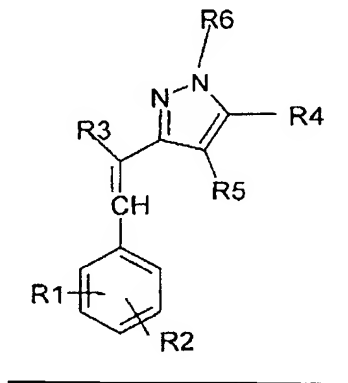
44. (Withdrawn) Composition according to one of Claims 25 to 43, characterized in that it contains at least one additional active compound that promotes the regrowth and/or limits the loss of keratin fibres, chosen from aminexil, 6-O-[(9Z,12Z)octadeca-9,12-dienoyl]hexapyranose, lipoxygenase inhibitors, bradykinin inhibitors, prostaglandins and derivatives thereof, prostaglandin receptor agonists or antagonists, non-prostanoic prostaglandin analogues, vasodilators, antiandrogens, cyclosporins and analogues thereof, antimicrobial agents, anti-inflammatory agents, retinoids, benzalkonium chloride, benzethonium chloride, phenol, oestradiol, chlorpheniramine maleate, chlorophylline derivatives, cholesterol, cysteine, methionine, menthol, peppermint oil, calcium pantothenate, panthenol, resorcinol, protein kinase C activators, glycosidase inhibitors, glycosaminoglycanase inhibitors, pyroglutamic acid esters, hexosaccharidic or acylhexosaccharidic acids, aryl-substituted ethylenes, N-acyl amino acids, flavonoids, ascomycin derivatives and analogues, histamine antagonists, saponins, proteoglycanase inhibitors, oestrogen agonists and antagonists, pseudoterines, cytokines and growth factor promoters, IL-1 or IL-6 inhibitors, IL-10 promoters, TNF inhibitors, benzophenones, hydantoin, octopirox, retinoic acid, antipruriginous agents, antiparasitic agents, antifungal agents, nicotinic acid esters, calcium antagonists, hormones, triterpenes, antiandrogens, steroidal or non-steroidal 5- $\alpha$ -reductase inhibitors, potassium-channel agonists and FP receptor agonists, and mixtures thereof.

45. (Withdrawn) Composition according to Claim 44, characterized in that the additional compound is chosen from aminexil, FP receptor agonists and vasodilators.

46. (Withdrawn) Care or makeup composition for keratin fibres, comprising, in a physiologically acceptable medium, in particular a cosmetic medium, at least one compound of formula (I), or a salt thereof, and at least one additional active compound for promoting the regrowth of human keratin fibres and/or for limiting their loss, chosen from aminexil, FP receptor agonists and vasodilators.

47. (Withdrawn) Composition according to one of Claims 43 to 46, characterized in that the additional active compound is chosen from aminexil, minoxidil, latanoprost, butaprost and travoprost.

48. (Currently Amended) A method for ~~Cosmetic process for treating~~ keratin ~~fibres~~fibers and/or the skin from which the said ~~fibres~~fibers emerge, characterized in that it consists in ~~comprising~~ applying to the ~~fibres~~fibers and/or the skin a cosmetic composition as ~~comprising~~ at least one compound of formula (I) or a salt thereof defined in any of Claims 25 to 47, leaving this composition in contact with the ~~fibres~~fibers and/or the skin, and optionally rinsing it out;



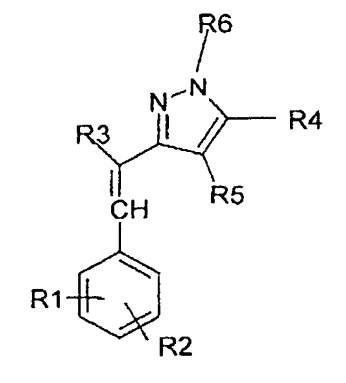
in which:

- R<sub>1</sub>, R<sub>2</sub>, R<sub>4</sub> and R<sub>5</sub>, which may be identical or different, are chosen from hydrogen, a halogen, groups OR<sub>7</sub>, SR<sub>7</sub>, NR<sub>7</sub>R'<sub>7</sub>, COOR<sub>7</sub>, CONR<sub>7</sub>R'<sub>7</sub>, CF<sub>3</sub>, CN, NR<sub>7</sub>COR'<sub>7</sub>,

SO<sub>2</sub>R<sub>7</sub>, SO<sub>2</sub>NR<sub>7</sub>R'<sub>7</sub>, NR<sub>7</sub>SO<sub>2</sub>R'<sub>7</sub>, COR<sub>7</sub>, CSR<sub>7</sub>, OCOR<sub>7</sub>, COSR<sub>7</sub>, SCOR<sub>7</sub>, CSNR<sub>7</sub>R'<sub>7</sub>, NR<sub>7</sub>CONR'<sub>7</sub>R''<sub>7</sub>, NR<sub>7</sub>C(=NR'<sub>7</sub>)NR''<sub>7</sub>R'''<sub>7</sub>, NR<sub>7</sub>CSR'<sub>7</sub> and NR<sub>7</sub>CSNR'<sub>7</sub>R''<sub>7</sub>, saturated or unsaturated, linear or branched C<sub>1</sub>-C<sub>20</sub> alkyl radicals, saturated or unsaturated rings of 4 to 7 atoms, these rings possibly being separate or fused, the alkyl radicals and the rings also possibly being substituted with at least one substituent A<sub>1</sub>, with R<sub>7</sub>, R'<sub>7</sub>, R''<sub>7</sub> and R'''<sub>7</sub> independently denoting hydrogen, a linear or branched C<sub>1</sub>-C<sub>20</sub> alkyl radical or a ring of 4 to 7 atoms, isolated or fused to another ring, the alkyl radical or the said rings being saturated or unsaturated and optionally substituted with at least one substituent A<sub>2</sub>;

- R<sub>3</sub> is chosen from CN, COOR<sub>8</sub>, CONR<sub>8</sub>R'<sub>8</sub>, COR<sub>8</sub>, SO<sub>2</sub>R<sub>8</sub> and SO<sub>2</sub>NR<sub>8</sub>R'<sub>8</sub>, with R<sub>8</sub> and R'<sub>8</sub> independently denoting hydrogen, a linear or branched C<sub>1</sub>-C<sub>20</sub> alkyl radical or a ring of 4 to 7 atoms, isolated or fused to another ring and the alkyl radical or the said rings being saturated or unsaturated and optionally substituted with at least one substituent A<sub>3</sub>;
- R<sub>6</sub> is chosen from hydrogen, groups COOR<sub>9</sub>, COR<sub>9</sub>, CSR<sub>9</sub>, COSR<sub>9</sub>, CONR<sub>9</sub>R'<sub>9</sub>, SO<sub>2</sub>R<sub>9</sub>, SO<sub>2</sub>NR<sub>9</sub>R'<sub>9</sub>, linear or branched, saturated or unsaturated C<sub>1</sub>-C<sub>20</sub> alkyl radicals and saturated or unsaturated rings of 4 to 7 atoms, these rings possibly being separate or fused, the alkyl radicals and the rings also possibly being substituted with at least one substituent A<sub>4</sub>, with R<sub>9</sub> and R'<sub>9</sub>, which may be identical or different, denoting hydrogen, a linear or branched C<sub>1</sub>-C<sub>20</sub> alkyl radical or a ring of 4 to 7 atoms, isolated or fused to another ring, the alkyl radical or the said rings being saturated or unsaturated and optionally substituted with at least one substituent A<sub>5</sub>;
- A<sub>1</sub>, A<sub>2</sub>, A<sub>3</sub>, A<sub>4</sub> and A<sub>5</sub> being chosen independently from halogens, groups OR<sub>10</sub>, SR<sub>10</sub>, NR<sub>10</sub>R'<sub>10</sub>, COOR<sub>10</sub>, CH<sub>2</sub>COOR<sub>10</sub>, CONR<sub>10</sub>R'<sub>10</sub>, CF<sub>3</sub>, CN, NR<sub>10</sub>COR'<sub>10</sub>, SO<sub>2</sub>R<sub>10</sub>, SO<sub>2</sub>NR<sub>10</sub>R'<sub>10</sub>, NR<sub>10</sub>SO<sub>2</sub>R'<sub>10</sub>, COR<sub>10</sub>, CSR<sub>10</sub>, OCOR<sub>10</sub>, COSR<sub>10</sub>, SCOR<sub>10</sub>, CSNR<sub>10</sub>R'<sub>10</sub>, NR<sub>10</sub>CONR'<sub>10</sub>R''<sub>10</sub>, NR<sub>10</sub>C(=NR'<sub>10</sub>)NR''<sub>10</sub>R'''<sub>10</sub>, NR<sub>10</sub>CSNR'<sub>10</sub>R''<sub>10</sub> and NR<sub>10</sub>CSR'<sub>10</sub>, with R<sub>10</sub>, R'<sub>10</sub>, R''<sub>10</sub> and R'''<sub>10</sub>, which may be identical or different, denoting hydrogen, a linear or branched C<sub>1</sub>-C<sub>20</sub> alkyl radical or a ring of 4 to 7 atoms, isolated or fused to another ring, the alkyl radical or the said rings being saturated or unsaturated.

49. (Currently Amended) A method for ~~Cosmetic care and/or makeup~~ process for human eyelashes, to improve/improving the their condition and/or appearance of human eyelashes, characterized in that it consists in comprising applying to the eyelashes and/or the eyelids a mascara composition comprising at least one compound of formula (I) or a salt thereof, and leaving this composition in contact with the eyelashes and/or the eyelids;



in which:

- R<sub>1</sub>, R<sub>2</sub>, R<sub>4</sub> and R<sub>5</sub>, which may be identical or different, are chosen from hydrogen, a halogen, groups OR<sub>7</sub>, SR<sub>7</sub>, NR<sub>7</sub>R'<sub>7</sub>, COOR<sub>7</sub>, CONR<sub>7</sub>R'<sub>7</sub>, CF<sub>3</sub>, CN, NR<sub>7</sub>COR'<sub>7</sub>, SO<sub>2</sub>R<sub>7</sub>, SO<sub>2</sub>NR<sub>7</sub>R'<sub>7</sub>, NR<sub>7</sub>SO<sub>2</sub>R'<sub>7</sub>, COR<sub>7</sub>, CSR<sub>7</sub>, OCOR<sub>7</sub>, COSR<sub>7</sub>, SCOR<sub>7</sub>, CSNR<sub>7</sub>R'<sub>7</sub>, NR<sub>7</sub>CONR'<sub>7</sub>R'<sub>7</sub>, NR<sub>7</sub>C(=NR'<sub>7</sub>)NR''<sub>7</sub>R'''<sub>7</sub>, NR<sub>7</sub>CSR'<sub>7</sub> and NR<sub>7</sub>CSNR'<sub>7</sub>R''<sub>7</sub>, saturated or unsaturated, linear or branched C<sub>1</sub>-C<sub>20</sub> alkyl radicals, saturated or unsaturated rings of 4 to 7 atoms, these rings possibly being separate or fused, the alkyl radicals and the rings also possibly being substituted with at least one substituent A<sub>1</sub>, with R<sub>7</sub>, R'<sub>7</sub>, R''<sub>7</sub> and R'''<sub>7</sub> independently denoting hydrogen, a linear or branched C<sub>1</sub>-C<sub>20</sub> alkyl radical or a ring of 4 to 7 atoms, isolated or fused to another ring, the alkyl radical or the said rings being saturated or unsaturated and optionally substituted with at least one substituent A<sub>2</sub>;
- R<sub>3</sub> is chosen from CN, COOR<sub>8</sub>, CONR<sub>8</sub>R'<sub>8</sub>, COR<sub>8</sub>, SO<sub>2</sub>R<sub>8</sub> and SO<sub>2</sub>NR<sub>8</sub>R'<sub>8</sub>, with R<sub>8</sub> and R'<sub>8</sub> independently denoting hydrogen, a linear or branched C<sub>1</sub>-C<sub>20</sub> alkyl radical or a ring of 4 to 7 atoms, isolated or fused to another ring and the alkyl

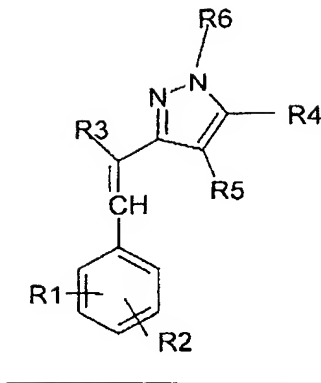


radical or the said rings being saturated or unsaturated and optionally substituted with at least one substituent A<sub>3</sub>;

- R<sub>6</sub> is chosen from hydrogen, groups COOR<sub>9</sub>, COR<sub>9</sub>, CSR<sub>9</sub>, COSR<sub>9</sub>, CONR<sub>9</sub>R'<sub>9</sub>, SO<sub>2</sub>R<sub>9</sub>, SO<sub>2</sub>NR<sub>9</sub>R'<sub>9</sub>, linear or branched, saturated or unsaturated C<sub>1</sub>-C<sub>20</sub> alkyl radicals and saturated or unsaturated rings of 4 to 7 atoms, these rings possibly being separate or fused, the alkyl radicals and the rings also possibly being substituted with at least one substituent A<sub>4</sub>, with R<sub>9</sub> and R'<sub>9</sub>, which may be identical or different, denoting hydrogen, a linear or branched C<sub>1</sub>-C<sub>20</sub> alkyl radical or a ring of 4 to 7 atoms, isolated or fused to another ring, the alkyl radical or the said rings being saturated or unsaturated and optionally substituted with at least one substituent A<sub>5</sub>;

- A<sub>1</sub>, A<sub>2</sub>, A<sub>3</sub>, A<sub>4</sub> and A<sub>5</sub> being chosen independently from halogens, groups OR<sub>10</sub>, SR<sub>10</sub>, NR<sub>10</sub>R'<sub>10</sub>, COOR<sub>10</sub>, CH<sub>2</sub>COOR<sub>10</sub>, CONR<sub>10</sub>R'<sub>10</sub>, CF<sub>3</sub>, CN, NR<sub>10</sub>COR'<sub>10</sub>, SO<sub>2</sub>R<sub>10</sub>, SO<sub>2</sub>NR<sub>10</sub>R'<sub>10</sub>, NR<sub>10</sub>SO<sub>2</sub>R'<sub>10</sub>, COR<sub>10</sub>, CSR<sub>10</sub>, OCOR<sub>10</sub>, COSR<sub>10</sub>, SCOR<sub>10</sub>, CSNR<sub>10</sub>R'<sub>10</sub>, NR<sub>10</sub>CONR'<sub>10</sub>R''<sub>10</sub>, NR<sub>10</sub>C(=NR'<sub>10</sub>)NR''<sub>10</sub>R'''<sub>10</sub>, NR<sub>10</sub>CSNR'<sub>10</sub>R''<sub>10</sub> and NR<sub>10</sub>CSR'<sub>10</sub>, with R<sub>10</sub>, R'<sub>10</sub>, R''<sub>10</sub> and R'''<sub>10</sub>, which may be identical or different, denoting hydrogen, a linear or branched C<sub>1</sub>-C<sub>20</sub> alkyl radical or a ring of 4 to 7 atoms, isolated or fused to another ring, the alkyl radical or the said rings being saturated or unsaturated.

50. ~~(Currently Amended) Cosmetic care process for human hair and/or the scalp, to improve~~ A method for improving the ~~their condition and/or appearance of human hair and/or the scalp, characterized in that it consists in~~ comprising ~~applying to the hair and/or the scalp a cosmetic composition as defined in any one of Claims 25 to 47~~ comprising at least one compound of formula (1) or a salt thereof, leaving the composition in contact with the hair and/or the scalp, and optionally rinsing it out;



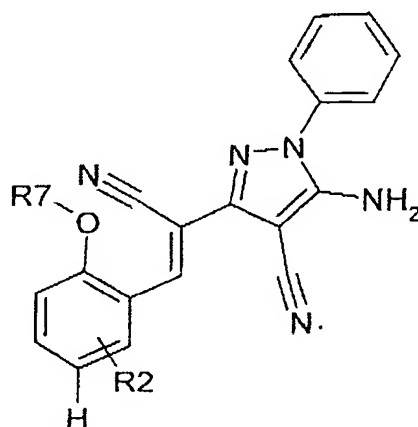
in which:

- R<sub>1</sub>, R<sub>2</sub>, R<sub>4</sub> and R<sub>5</sub>, which may be identical or different, are chosen from hydrogen, a halogen, groups OR<sub>7</sub>, SR<sub>7</sub>, NR<sub>7</sub>R'<sub>7</sub>, COOR<sub>7</sub>, CONR<sub>7</sub>R'<sub>7</sub>, CF<sub>3</sub>, CN, NR<sub>7</sub>COR'<sub>7</sub>, SO<sub>2</sub>R<sub>7</sub>, SO<sub>2</sub>NR<sub>7</sub>R'<sub>7</sub>, NR<sub>7</sub>SO<sub>2</sub>R'<sub>7</sub>, COR<sub>7</sub>, CSR<sub>7</sub>, OCOR<sub>7</sub>, COSR<sub>7</sub>, SCOR<sub>7</sub>, CSNR<sub>7</sub>R'<sub>7</sub>, NR<sub>7</sub>CONR'<sub>7</sub>R'', NR<sub>7</sub>C(=NR'<sub>7</sub>)NR''<sub>7</sub>R'''<sub>7</sub>, NR<sub>7</sub>CSR'<sub>7</sub> and NR<sub>7</sub>CSNR'<sub>7</sub>R'', saturated or unsaturated, linear or branched C<sub>1</sub>-C<sub>20</sub> alkyl radicals, saturated or unsaturated rings of 4 to 7 atoms, these rings possibly being separate or fused, the alkyl radicals and the rings also possibly being substituted with at least one substituent A<sub>1</sub>, with R<sub>7</sub>, R'<sub>7</sub>, R''<sub>7</sub> and R'''<sub>7</sub> independently denoting hydrogen, a linear or branched C<sub>1</sub>-C<sub>20</sub> alkyl radical or a ring of 4 to 7 atoms, isolated or fused to another ring, the alkyl radical or the said rings being saturated or unsaturated and optionally substituted with at least one substituent A<sub>2</sub>;
- R<sub>3</sub> is chosen from CN, COOR<sub>8</sub>, CONR<sub>8</sub>R'<sub>8</sub>, COR<sub>8</sub>, SO<sub>2</sub>R<sub>8</sub> and SO<sub>2</sub>NR<sub>8</sub>R'<sub>8</sub>, with R<sub>8</sub> and R'<sub>8</sub> independently denoting hydrogen, a linear or branched C<sub>1</sub>-C<sub>20</sub> alkyl radical or a ring of 4 to 7 atoms, isolated or fused to another ring and the alkyl radical or the said rings being saturated or unsaturated and optionally substituted with at least one substituent A<sub>3</sub>;
- R<sub>6</sub> is chosen from hydrogen, groups COOR<sub>9</sub>, COR<sub>9</sub>, CSR<sub>9</sub>, COSR<sub>9</sub>, CONR<sub>9</sub>R'<sub>9</sub>, SO<sub>2</sub>R<sub>9</sub>, SO<sub>2</sub>NR<sub>9</sub>R'<sub>9</sub>, linear or branched, saturated or unsaturated C<sub>1</sub>-C<sub>20</sub> alkyl radicals and saturated or unsaturated rings of 4 to 7 atoms, these rings possibly being separate or fused, the alkyl radicals and the rings also possibly being substituted with at least one substituent A<sub>4</sub>, with R<sub>9</sub> and R'<sub>9</sub>, which may be

identical or different, denoting hydrogen, a linear or branched C<sub>1</sub>-C<sub>20</sub> alkyl radical or a ring of 4 to 7 atoms, isolated or fused to another ring, the alkyl radical or the said rings being saturated or unsaturated and optionally substituted with at least one substituent A<sub>5</sub>;

- A<sub>1</sub>, A<sub>2</sub>, A<sub>3</sub>, A<sub>4</sub> and A<sub>5</sub> being chosen independently from halogens, groups OR<sub>10</sub>, SR<sub>10</sub>, NR<sub>10</sub>R'<sub>10</sub>, COOR<sub>10</sub>, CH<sub>2</sub>COOR<sub>10</sub>, CONR<sub>10</sub>R'<sub>10</sub>, CF<sub>3</sub>, CN, NR<sub>10</sub>COR'<sub>10</sub>, SO<sub>2</sub>R<sub>10</sub>, SO<sub>2</sub>NR<sub>10</sub>R'<sub>10</sub>, NR<sub>10</sub>SO<sub>2</sub>R'<sub>10</sub>, COR<sub>10</sub>, CSR<sub>10</sub>, OCOR<sub>10</sub>, COSR<sub>10</sub>, SCOR<sub>10</sub>, CSNR<sub>10</sub>R'<sub>10</sub>, NR<sub>10</sub>CONR'<sub>10</sub>R''<sub>10</sub>, NR<sub>10</sub>C(=NR'<sub>10</sub>)NR''<sub>10</sub>R'''<sub>10</sub>, NR<sub>10</sub>CSNR'<sub>10</sub>R''<sub>10</sub> and NR<sub>10</sub>CSR'<sub>10</sub>, with R<sub>10</sub>, R'<sub>10</sub>, R''<sub>10</sub> and R'''<sub>10</sub>, which may be identical or different, denoting hydrogen, a linear or branched C<sub>1</sub>-C<sub>20</sub> alkyl radical or a ring of 4 to 7 atoms, isolated or fused to another ring, the alkyl radical or the said rings being saturated or unsaturated.

51. (Withdrawn) Styrylpyrazole compound of formula (III) below, or a salt thereof:



R<sub>7</sub> represents

- a linear or branched, saturated or unsaturated C<sub>1</sub>-C<sub>10</sub> alkyl radical, optionally substituted with at least one substituent A<sub>1</sub>; or
- a saturated or unsaturated ring C<sup>1</sup> of 4 to 7 atoms, ~~optionally containing at least one hetero atom and/or being~~ optionally substituted with at least one substituent

A<sub>1</sub> and/or optionally fused to at least one saturated or unsaturated ring C<sup>2</sup> of 4 to 7 atoms, ~~optionally containing at least one hetero atom;~~

R<sub>2</sub> represents

- OR<sub>7</sub>, SR<sub>7</sub>, NR<sub>7</sub>R'<sub>7</sub>, COOR<sub>7</sub>, CONR<sub>7</sub>R'<sub>7</sub>, CF<sub>3</sub>, CN, NR<sub>7</sub>COR'<sub>7</sub>, SO<sub>2</sub>R<sub>7</sub>, SO<sub>2</sub>NR<sub>7</sub>R'<sub>7</sub>, NR<sub>7</sub>SO<sub>2</sub>R'<sub>7</sub>, COR<sub>7</sub>, CSR<sub>7</sub>, OCOR<sub>7</sub>, COSR<sub>7</sub>, SCOR<sub>7</sub>, CSNR<sub>7</sub>R'<sub>7</sub>, NR<sub>7</sub>CONR'<sub>7</sub>R''<sub>7</sub>, NR<sub>7</sub>C(=NR'<sub>7</sub>)NR''<sub>7</sub>R'''<sub>7</sub>, NR<sub>7</sub>CSR'<sub>7</sub> and NR<sub>7</sub>CSNR'<sub>7</sub>R''<sub>7</sub>, a saturated or unsaturated C<sub>1</sub>-C<sub>10</sub> alkyl radical, a saturated or unsaturated ring C<sup>3</sup>, which is separate or fused to another ring C<sup>4</sup>, ~~optionally containing at least one hetero atom,~~ the alkyl radicals and the rings also possibly being substituted with at least one substituent A<sub>1</sub> in which R<sub>7</sub> and R'<sub>7</sub>, which may be identical or different, denote:
- a hydrogen atom or a linear or branched, saturated or unsaturated C<sub>1</sub>-C<sub>10</sub> alkyl radical,
- a C<sup>2</sup> aromatic ring optionally including at least one hetero atom, optionally substituted with at least one substituent A<sub>2</sub>; and

in which the hetero atoms are chosen from N, O and S and a combination thereof.

52. (Withdrawn) Compound according to Claim 51, characterized in that R<sub>2</sub> represents OR<sub>7</sub> and R<sub>7</sub> represents a saturated C<sub>1</sub>-C<sub>10</sub> alkyl radical.